

JVC

SERVICE MANUAL

PDP COLOUR TELEVISION

PD-Z35DV4, PD-Z35DV4/s
PD-Z42DV4, PD-Z42DV4/s



BASIC CHASSIS

FP2

D.I.S.T.
Digital Image Scaling Technology

*CINEMA
SURROUND*

BBE

TABLE OF CONTENTS

1	PRECAUTION	1-3
2	SPECIFIC SERVICE INSTRUCTIONS	1-6
3	DISASSEMBLY	1-11
4	ADJUSTMENT	1-28
5	TROUBLESHOOTING	1-40

SPECIFICATION

Items		Contents	
		PD-Z42DV4 PD-Z42DV4/S	PD-Z35DV4 PD-Z35DV4/S
Dimensions (W x H x D)		104.5cm x 72.9cm x 11.0cm	90.7cm x 63.4cm x 11.7cm
Mass		38.3kg	30.4kg
TV RF System		CCIR B / G, I, D / K, K1, M	
Colour System	RF	PAL / SECAM / NTSC3.58 / NTSC4.43	
	VIDEO	PAL / SECAM / NTSC3.58 / NTSC4.43	
Stereo System		A2 (B / G), NICAM (B / G, I, D / K / K1)	
Teletext System		FLOF (Fastext), TOP, WST (World Standard System)	
Receiving Frequency	VHF Low	46.25MHz ~ 168.25MHz	
	VHF High	175.25MHz ~ 463.25MHz	
	UHF	471.25MHz ~ 863.25MHz	
	CATV	Mid: X ~ Z+2, S1~S10	
		Super: S11 ~ S20	
Intermediate Frequency		Hyper: S21 ~ S41	
	VIF	38.0MHz (B / G, I, D / K, K1, M)	
	SIF	33.4MHz (5.5MHz: B / G) / 32.9MHz (6.0MHz: I) / 32.4MHz (6.5MHz: D / K, K1) / 33.5MHz (4.5MHz :M)	
Colour Sub Carrier Frequency		PAL : 4.43MHz SECAM : 4.40MHz / 4.25MHz NTSC : 3.58MHz / 4.43MHz	
Power Input		AC110V ~ AC240V, 50Hz / 60Hz	
Power Consumption		Operate : 303W, Stand by: 3.0W	Operate : 244W, Stand by : 3.0W
Plasma Display Panel (PDP)		△ QLE0028-001 42V wide aspect (16:9)	△ QLE0021-001 35V wide aspect (16:9)
Screen Size		Visible size : 107.5cm (Diagonal) / 93.3 cm x 53.3 cm (H x V)	Visible size : 91.0cm (Diagonal) / 78.6 cm x 44.2 cm (H x V)
Display Pixels		H: 852 pixels / V: 480 pixels [W-VGA]	H: 853 pixels / V: 480 pixels [W-VGA]
Speaker		6.6cm round x4, (Oblique cone)	
Audio Power Output		10W + 10W	
Aerial Input Terminal		75Ω unbalanced, coaxial	
Video / Audio Input [1/2/3/4]	S-Video [1/2/4]	Mini-DIN 4 pin connector x3 Y : 1V(p-p), 75Ω, positive (negative sync) C: 0.286V(p-p) (Burst signal), 75Ω	
	Video	1V(p-p), 75Ω, negative sync, RCA pin jack x4	
	Audio	500mV(rms) (-4dBs), high impedance, RCA pin jack x8	
	Component Video [1/3]	RCA pin jack x 3	
	1125i / 750p	Y : 1V(p-p), 75Ω, 3-value sync : ±0.35V(p-p) Pb/Pr : ±0.35V(p-p), 75Ω	
	525i / 525p	Y : 1V(p-p), 75Ω, positive (Negative sync) Pb / Pr : 0.7V(p-p), 75Ω	
Video / Audio Output	Video	1V(p-p), 75Ω, RCA pin jack x1	
	Audio	500mV(rms)(-4dBs), low impedance (400Hz when modulated 100%), RCA pin jack x2	
Audio Output (Fixed)		500mV (rms), low impedance, RCA pin jack x 2	
Subwoofer Output		500mV (rms), low impedance, RCA pin jack x 1	
Center CH Input		500mV (rms), low impedance, RCA pin jack x 1	
PC (RGB) Input		D-sub 15pin x 1 R/G/B : 0.7V (p-p), 75Ω HD / VD : 1V (p-p) to 5V (p-p), high impedance <Available signal> VGA : 640 pixels x 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz)	
Headphone		3.5mm Stereo mini jack x 1	
Remote Control Unit		RM-C1830H (AA/R6 TYPE battery x 2)	

Design & specifications are subject to change without notice.

SECTION 1 PRECAUTION

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⏏) side GND, the ISOLATED (NEUTRAL) : (⏏) side GND and EARTH : (⏏) side GND. Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) If any repair has been made to the chassis, it is recommended that the PDP POWER SUPPLY setting should be checked or adjusted.
- (6) The high voltage applied to the PDP must conform with that specified in Service manual. Excessive high voltage can cause an increase in arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper components in the circuitry including the PDP must be the exact replacements or alternatives approved by the manufacturer of the complete product.
- (7) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

- (8) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(9) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

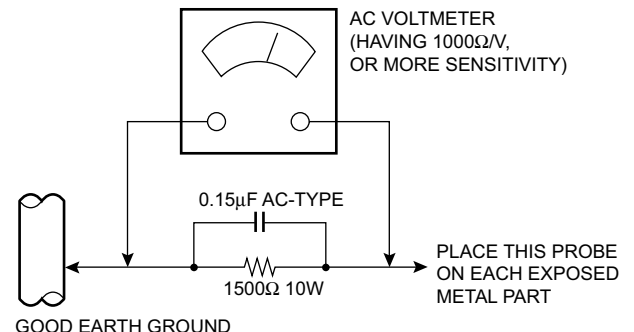
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternative Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

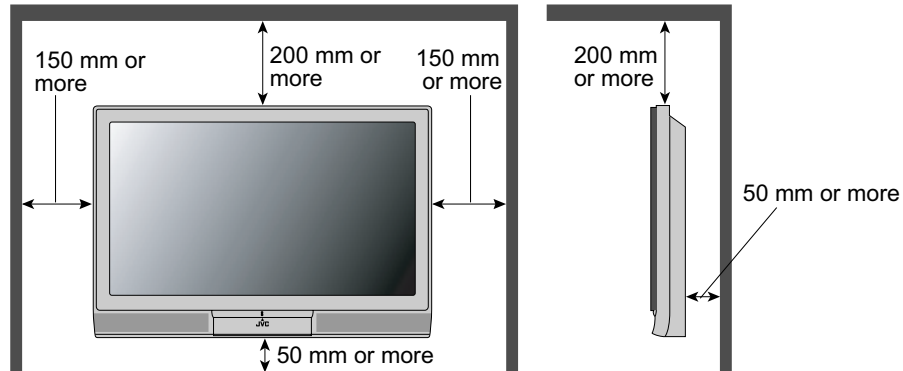
1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc.

Install the unit on stable flooring or stands.

Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

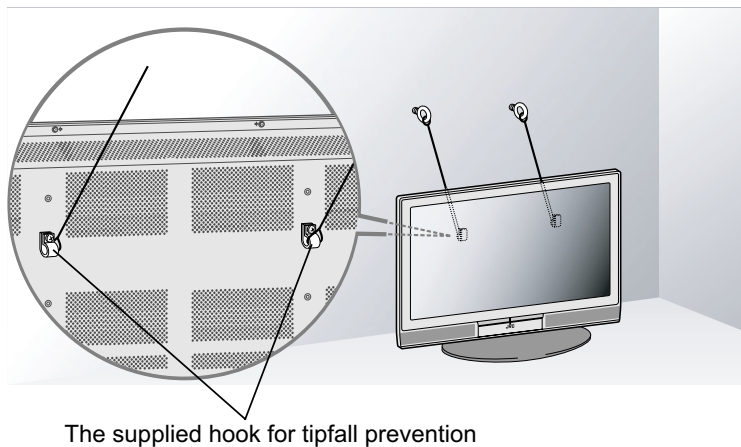
SPACE REQUIRED FOR INSTALLATION



1.2.3 FALL TIP PREVENTION MEASURES

Take precautionary measures to prevent the unit from falling or tipping to protect against emergencies such as earthquakes as well as accidents.

Fasten the supplied hook for tip fall prevention using the screws, also supplied, behind the display unit, and use them together with durable cords (to be purchased separately) to secure the unit to a robust part such as the wall surface or pillars.



1.3 PRECAUTIONS REGARDING PDP

1.3.1 PRECAUTIONS DURING NOTES FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal PDP (Plasma Display Panel) due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention prior to delivery such as through explaining the handling instructions to transporters. Ensure that the following requirements are met during transportation, as the PDP of this unit is made of glass and therefore fragile:

(1) Avoid vibrations and impacts

The unit may be broken if it is toppled sideways even when properly packed. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(2) Do not place equipment horizontally

Ensure that it is placed upright and not horizontally during transportation and storage as the PDP is very vulnerable to lateral impacts and may break easily under such circumstances.

During transportation, ensure that the unit is loaded along the traveling direction of travel of the vehicle, and avoid stacking them on one another.

For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 RESIDUAL IMAGE / BURN-IN ON SCREEN

Like CRTs, "burn-in" may occur when a same image is continuously displayed over an extended period of time.

As this may also shorten the life span of the PDP. Therefore, turn off the display when not in use, scroll the screen, make use of screen-savers, or allow even distribution on the display by inverting the brightness, switching to complementary colors or inserting animated images at periodic intervals.

As burn-in is more likely to occur with high brightness and contrast settings, try to use neutral gradations or medium tone colors.

Burn-in does not occur in the case of animated images.

When switching to another image after continuous display of the previous image, residual images may become prominent, as luminance in a part of the display is higher than the other parts.

This is not a defect but is because due to the discharge surface of the lighted portion has become being relatively activated and its luminance higher than the unlighted parts.

1.3.3 INFRARED RAYS

Near Near-infrared rays (800nm to 1000nm) are emitted from the front of the panel, and this may give rise to malfunctions in infrared remote controls or communication systems placed near it. In this case, avoid direct infrared rays (and reflected rays in some cases) from the screen by either changing the direction of the unit or other infrared systems or securing a longer keeping a distance from the screen.

1.3.4 OPTICAL FILTER (PANEL FILTER)

Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and color.

Clean the filter surface by wiping it softly lightly with outing flannels a soft and lightly fuzz cloth (such as flannel).

Do not use solvents such as benzine or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off.

As the filter surface is fragile., do not scratch or hit it with hard materials.

1.3.5 NOTES PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (back REAR COVER, FRONT PANEL, optical filter)

- Do not exert pressure on the front of the PDP (glass surface).
- Pay careful attention not to scratch or stain the front of the PDP (surface) with hands.
- When replacing exterior parts, the front of the PDP should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front surface. However, never use materials that are too soft (such as blanket cloth). If replacement is made with the PDP surface facing downward and in contact with the blanket, pressure may be exerted on the PDP, thus causing damages to it.

SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

2.1.1 HIGH-DEFINITION IMAGE TECHNOLOGY (DIST)

• DIST (Digital Image Scaling Technology)

Employs an interpolation method that doubles the scanning lines to realize 480-line flickerfree picture making it especially suitable for reproducing high-resolution pictures even on large-screen displays.

2.1.2 MAIN FUNCTION

• DIGITAL VNR

The DIGITAL VNR function cuts down the amount of noise in original picture. There are three function settings of AUTO, MIN and MAX.

• Super DigiPure

This function uses the latest technology to give viewer a natural looking picture.

It consist of DigiPure and picture motion compensation function.

• PULL DOWN

This function displays a cinema film picture more smoothly and naturally on the screen.

• COLOUR MANAGEMENT

This function ensures dull colours are compensated to produce natural hues.

• PICTURE MANAGEMENT

This function makes it easier to see the dark areas when a picture has many dark areas, and makes it easier to see the bright areas when a picture has many bright areas.

• Sleep Timer

Setting for situations such as falling asleep while watching TV, and for prevention against forgetting to turn off the TV. The power supply of the TV will be cut off automatically when the time exceeds the set up timing (maximum 2 hours).

• CINEMA SURROUND function

This function makes the speaker sounds like in a wider ambience.

• A.H.B. (Active Hyper Bass)

Used when you want to emphasize the bass sound.

• BBE

You can use the BBE function to enjoy easyto-listen sound that is faithful to the original sound recorded.

• Teletext function

The teletext broadcast can be viewed and the teletext pages can be stored in memory.

2.1.3 ASPECT CONTROL

The screen size can be changed according to the picture aspect ratio.

• ZOOM function

Desired screen size (AUTO/REGULAR / PANORAMIC / 14:9 ZOOM / 16:9 ZOOM / 16:9 ZOOM SUBTITLE / FULL) can be selected.

2.1.4 MULTI-SCREEN FUNCTION

• Twin-pictures function

With the function, two pictures can be displayed at the Twin pictures mode.

• Multi-picture function


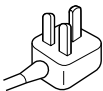
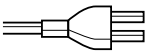
With this function, one of multi-picture (12 pictures) can be displayed at the same time.

• Freeze function

The images that are currently seen can be viewed on the memo screen (still picture).

It is convenient for taking down notes like application address and recipe of cooking program etc, while enjoying the current program.

2.2 MAIN DIFFERENCE LIST

Item	PD-Z35DV4 PD-Z42DV4	PD-Z35DV4/S PD-Z42DV4/S
POWER CORD	QMPL050-250-K 	---
POWER CORD	QMPB560-180-JC 	---
POWER CORD	---	QMPB320-180-R 

2.3 TECHNICAL INFORMATION

2.3.1 PDP STRUCTURE AND CHARACTERISTIC

This unit uses the flat type panel PDP (Plasma Display Panel), instead of the conventional CRT (Cathode Ray Tube), as a display unit.

2.3.1.1 PIXEL (CELL) ARRAY

PDP is constructed by sealing the xenon, which emits neon and ultraviolet rays for discharging purpose, in between the electrodes lay on the front glass substrate and rear glass substrate.

One pixel is composed of 3 RGB cells, with cell pitch of 0.365mm (1 pixel 1.095mm) [PD-Z42DV4, PD-Z42DV4/S] / 0.307 mm (1 pixel 0.921 mm) [PD-Z35DV4, PD-Z35DV4/S] horizontally and 1.110mm [PD-Z42DV4, PD-Z42DV4/S] / 0.921 mm [PD-Z35DV4, PD-Z35DV4/S] vertically.

The cell is arrayed in each RGB color as shown in Fig. 1. One pixel is formed by interlacing each RGB color cell.

One cell size is 0.365mm [PD-Z42DV4, PD-Z42DV4/S] / 0.307 mm [PD-Z35DV4, PD-Z35DV4/S] horizontally and 1.110mm [PD-Z42DV4, PD-Z42DV4/S] / 0.921 mm [PD-Z35DV4, PD-Z35DV4/S] vertically.

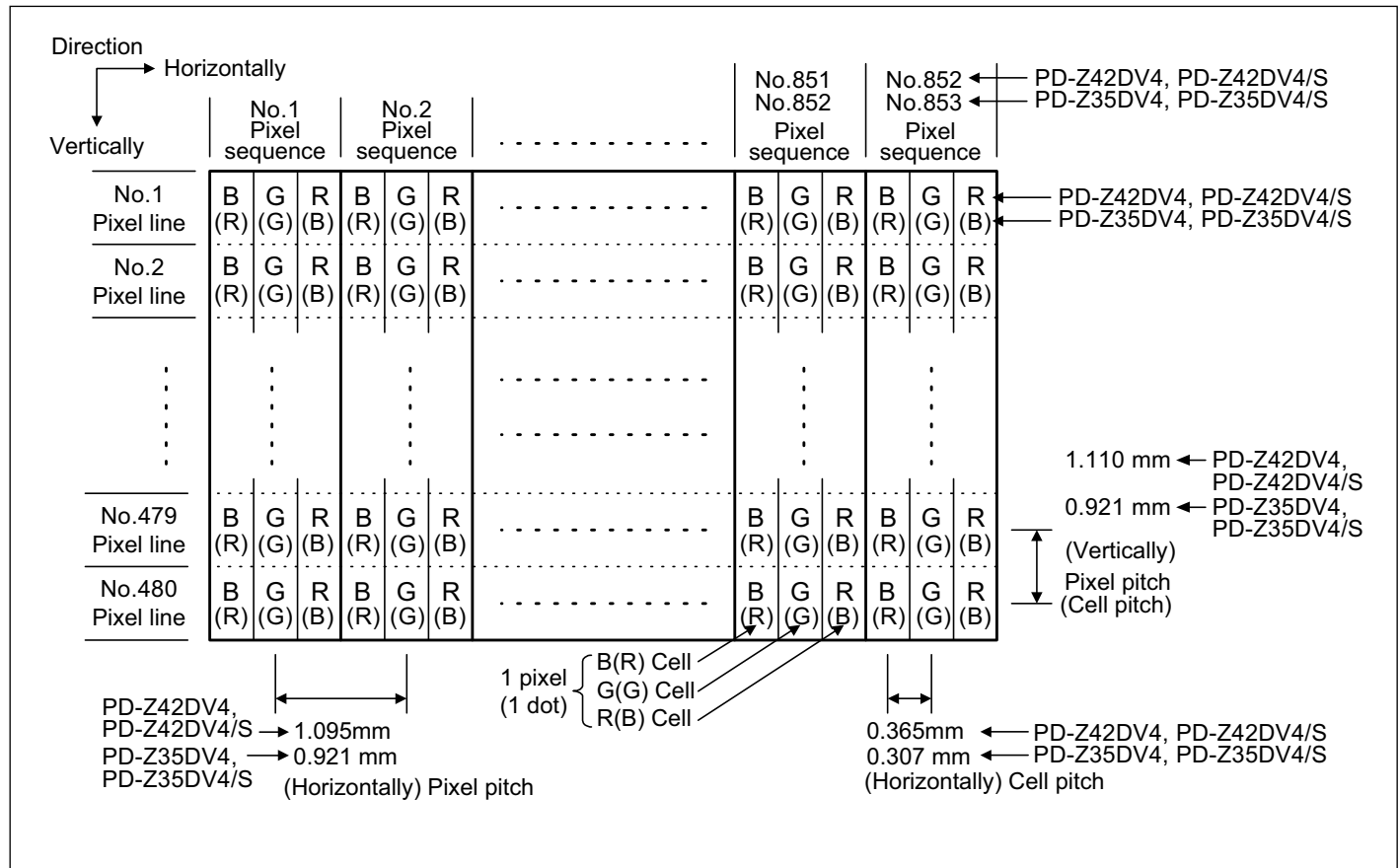


Fig.1

2.3.1.2 PIXEL DEFECTS

Though PDP is made by means of ultra precise technology, there are cases whereby not all pixels (cell) will function properly. In some cases, there may be defective pixels that do not light at all or the ones that always light on.

There are 3 types of Pixel defects, [Bright Dot Defects], [Dark Dot Defects] and [Flicker Dot Defects], as defined respectively in the following:

(1) Bright Dot Defects

Bright dot defect is a pixel cell that lights though it should not light.

The presence of bright dot defects can be confirmed by inputting a full black signal (pattern).

(2) Dark Dot Defects

Dark dot defect is a pixel cell that does not light, though it should light.

The presence of dark dot defects can be confirmed by inputting a 100% full white signal (pattern).

(3) Flicker Dot Defects

Flicker dot defect is a pixel cell that blinks though it should light or not light.

The presence of flicker dot defects can be confirmed by inputting a full black signal (pattern).

2.3.2 CHASSIS CPU [DIGITAL SIGNAL PWB : IC7001] PIN FUNCTION

Pin No.	Pin name	I/O	Function
1	NC	O	Not used
2	P_MU	O	Video muting [Muting : H]
3	FUNC_LED	O	Not used
4	A_MU	O	Audio muting [Muting : H]
5	M_MU	O	Monitor audio muting [Muting : H]
6	PC_SW	O	PC input select [ON : H]
7	DIMMER_LED	O	Power LED dimmer control [Low dimmer : L]
8	NC	O	Not used
9	NC	O	Not used
10	NC	O	Not used
11	POW_LED	O	Power LED control [ON : H]
12	NC	O	Not used
13	SBT2	I	Clock for main CPU communication
14	SBI2	I	Data transmission for main CPU communication
15	SBO2	O	Data receive for main CPU communication
16	REQ	O	Request for main CPU communication
17	3.3V	I	3.3V
18	NC	O	Not used
19	GND	-	GND
20	3.3V	I	3.3V
21	NC	O	Not used
22	3.3V	I	3.3V
23	OSCI	I	16MHz for system clock
24	OSCO	O	16MHz for system clock
25	3.3V	I	3.3V
26	NC	O	Not used
27	A92_RST	O	3D YC separation reset [Reset : L]
28	NC	O	Not used
29	LIP_RST	O	Not used
30	NC	O	Not used
31	NC	I	Not used
32	NC	O	Not used
33	MDR_CON	I	Not used
34	3.3V	I	3.3V
35	NC	O	Not used
36	DsyncSW2	O	Not used
37	NC	O	Not used
38	NC	O	Not used
39	HOTPLUG	I	Not used
40	MECA_SW	I	Power switch monitor [ON : L]
41	MAIN_POW	O	Main power control [ON : L]
42	MSP_RESET	O	Multi sound processor reset [Reset : H]
43	0V	-	GND
44	NC	I	Not used
45	AFT1	I	AFT detection [Detection : H]
46	NC	I	Not used
47	NC	I	Not used
48	NC	O	Not used
49	NC	O	Not used
50	NC	I	Not used
51	NC	O	Not used
52	NC	I	Not used
53	NC	O	Not used
54	3.3V	I	3.3V
55	PDP_TX	O	PDP communication for panel CPU
56	PDP_RX	I	PDP communication for panel CPU
57	SDA0	I/O	I ² C bus data (for chassis memory)
58	SCL0	O	I ² C bus clock (for chassis memory)
59	SDA_DVI	I/O	Not used
60	SCL_DVI	I/O	Not used
61	GND	-	GND
62	NC	I	Not used
63	NC	I	Not used
64	NC	I	Not used

Pin No.	Pin name	I/O	Function
65	NC	I	Not used
66	3.3V	I	3.3V
67	NC	O	Not used
68	NC	O	Not used
69	NC	O	Not used
70	NC	O	Not used
71	NC	O	Not used
72	NC	O	Not used
73	SBD5	I/O	Flash writing for chassis CPU
74	SBT5	I	Flash writing for chassis CPU
75	3.3V	I	3.3V
76	NC	I	Not used
77	REMOCON	I	Remote control
78	V_SYNC	I	Vertical sync
79	WAKEUP_SHM	I	Sleep state release for chassis CPU [Release : L]
80	POWERGOOD	I	Power error detection [Detection : H]
81	REC_LED	O	Stand-by power LED control [Stand-by : H]
82	RST	I	Chassis CPU reset [Reset : L]
83	3.3V	I	3.3V
84	SCL3A	O	I ² C bus clock (for 3D YC separation, colour management / OSD composition / RGB process, U / V frontend)
85	SDA3A	I/O	I ² C bus data (for 3D YC separation, colour management / OSD composition / RGB process, U / V frontend)
86	SCL3B	O	I ² C bus clock (for multi sound process, video / audio select, colour demod. / sync sep., 3 line comb filter, component video / audio select, sync sep. / SW / detect)
87	SDA3B	I/O	I ² C bus data (for multi sound process, video / audio select, colour demod. / sync sep., component video / audio select, sync sep. / SW / detect)
88	NC	O	Not used
89	NC	O	Not used
90	NC	O	Not used
91	DVI_RST	O	Not used
92	GND	-	GND
93	SCL5055	O	I ² C bus clock (for DIST)
94	NC	O	Not used
95	SDA5055	I/O	I ² C bus data (for DIST)
96	NC	O	Not used
97	NC	O	Not used
98	15K/OTH	O	Y signal select for 3D YC separation [525i : H / other : L]
99	DsyncSW1	O	Not used
100	JCC5057_BUSY	I	Busy for Colour management / RGB process / OSD composition [Busy : H]

2.3.3 MAIN CPU [DIGITAL SIGNAL PWB : IC7501] PIN FUNCTION

Pin No.	Pin name	I/O	Function
1	TCK	I	Test purpose
2	TMS	I	Test purpose
3	TDI	I	Test purpose
4	TDO	O	Test purpose
5	NC	O	Not used
6	OSDB0	O	Blue for OSD
7	OSDB1	O	Blue for OSD
8	OSDB2	O	Blue for OSD
9	OSDB3	O	Blue for OSD
10	OSDB4	O	Blue for OSD
11	TV-LINK	I	Not used
12	RX_BUSY(Serial)	O	Request for chassis CPU communication
13	VSS33	-	GND
14	VDD33	I	3.3V
15	TV_LINK_OUT	O	Not used
16	A20	O	Program ROM address for main CPU
17	A19	O	Program ROM address for main CPU
18	A18	O	Program ROM address for main CPU
19	A17	O	Program ROM address for main CPU
20	VSS25	-	GND
21	VDD25	I	2.5V
22	A16	O	Program ROM address for main CPU
23	A8	O	Program ROM address for main CPU
24	A7	O	Program ROM address for main CPU
25	A9	O	Program ROM address for main CPU
26	A6	O	Program ROM address for main CPU
27	A5	O	Program ROM address for main CPU
28	A10	O	Program ROM address for main CPU
29	A11	O	Program ROM address for main CPU
30	A12	O	Program ROM address for main CPU
31	VSS33	-	GND
32	VDD33	I	3.3V
33	A4	O	Program ROM address for main CPU
34	A3	O	Program ROM address for main CPU
35	A2	O	Program ROM address for main CPU
36	A1	O	Program ROM address for main CPU
37	A0	O	Program ROM address for main CPU
38	A13	O	Program ROM address for main CPU
39	A14/RAS	O	Program ROM address for main CPU
40	A15/CAS	O	Program ROM address for main CPU
41	VSS33	-	GND
42	VDD33	I	3.3V
43	MEMCLK	O	Clock for memory
44	CSSDRAM	O	Chip select for memory
45	CLKEN	O	Clock enable for memory
46	CSROM	O	Chip select for memory
47	RD	O	Read for memory
48	UDQM	O	Control buffer of memory
49	LDQM	O	Control buffer of memory
50	WR	O	Write for memory
51	D15	I/O	Program ROM data for main CPU
52	VSS33	-	GND
53	VDD33	I	3.3V
54	D7	I/O	Program ROM data for main CPU
55	D0	I/O	Program ROM data for main CPU
56	D14	I/O	Program ROM data for main CPU
57	D8	I/O	Program ROM data for main CPU
58	D6	I/O	Program ROM data for main CPU
59	D1	I/O	Program ROM data for main CPU
60	VSS33	-	GND
61	VDD33	I	3.3V
62	D13	I/O	Program ROM data for main CPU
63	D9	I/O	Program ROM data for main CPU
64	D5	I/O	Program ROM data for main CPU
65	D2	I/O	Program ROM data for main CPU

Pin No.	Pin name	I/O	Function
66	D12	I/O	Program ROM data for main CPU
67	D10	I/O	Program ROM data for main CPU
68	VSS33	-	GND
69	VDD33	I	3.3V
70	D4	I/O	Program ROM data for main CPU
71	D3	I/O	Program ROM data for main CPU
72	D11	I/O	Program ROM data for main CPU
73	RSTIN	I	Reset
74	POWER	O	Sleep state release for chassis CPU [Release : L]
75	ID_TV_POWER(IDTV)	O	Not used
76	REMOCON	I	Remote control
77	PIX CLOCK	I	Clock for OSD
78	OSDR0	O	Red for OSD
79	OSDR1	O	Red for OSD
80	OSDR2	O	Red for OSD
81	OSDR3	O	Red for OSD
82	MRST(Serial)	O	Data transmission for chassis CPU communication
83	MTSR(Serial)	I	Data receive for chassis CPU communication
84	VSS33	-	GND
85	VDD33	I	3.3V
86	VSS25	-	GND
87	VDD25	I	2.5V
88	MICON_TX	O	Communication for adjustment
89	MICON_RX	O	Communication for adjustment
90	OSDR4	O	Red for OSD
91	CLK(Serial)	O	Clock for chassis CPU communication
92	OSDG0	O	Green for OSD
93	OSDG1	O	Green for OSD
94	OSDG2	O	Green for OSD
95	OSDG3	O	Green for OSD
96	OSDG4	O	Green for OSD
97	OSDG5	O	Green for OSD
98	SCL3A	O	I ² C bus clock (for main memory)
99	SDA3A	I/O	I ² C bus Data (for main memory)
100	TEXT / OTHER	O	Teletext signal select [Analog RGB : H / Digital RGB : L]
101	IRQ(IDTV)	O	Not used
102	V_PULSE	I	Vertical sync
103	H_PULSE	I	Horizontal sync
104	(COR/RSTOUT)	O	Not used
105	Ys	O	Ys for OSD / Teletext
106	VDD33	I	3.3V
107	VSS33	-	GND
108	XTAL1	I	6MHz for system clock
109	XTAL2	O	6MHz for system clock
110	VSSA	-	GND
111	VDDA	I	2.5V
112	R	O	R for OSD / Teletext
113	G	O	G for OSD / Teletext
114	B	O	B for OSD / Teletext
115	VSSA	-	GND
116	VDDA	I	2.5V
117	CVBS	I	Video for Teletext
118	VSSA	-	GND
119	VDDA	I	2.5V
120	GND	I	GND
121	CVBS	I	Video for Teletext
122	VSSA	-	GND
123	VDDA	I	2.5V
124	F_KEY_1	I	Key scan data 1 [ON : H]
125	F_KEY_2	I	Key scan data 2 [ON : H]
126	POWER_KEY	I	Main power ON / OFF control [ON : L]
127	NC	I	Not used
128	(TMODE)	I	Test purpose

2.3.4 PANEL CPU [INTERFACE PWB : IC807] PIN FUNCTION

Pin No.	Pin name	I/O	Function
1	SYSTEM0	I	PDP size select [1.75V : 42V VGA 3.25V : 35V VGA]
2	SYSTEM3	I	PDP maker select [0V : SAMSUNG 3.25V : NEC]
3	AVCC	I	5.0V
4	X2	-	Not used
5	X1	-	GND
6	VCL	-	GND
7	RES	I	Reset [Reset : L]
8	TEST	I	GND
9	VSS	-	GND
10	OSC2	O	16MHz for system clock
11	OSC1	I	16MHz for system clock
12	VCC	I	5.0V
13	PW_LOB	O	Power control [ON : L]
14	PANEL_PW_ON	O	Panel power control [ON : L]
15	TALK_RST	O	Not used
16	CODEC_RST	O	Not used
17	I2C_STOP	O	I ² C bus stop control [Stop : L]
18	NC	O	Not used
19	PSCK	O	Not used
20	PLE	O	Not used [PD-Z42DV4, PD-Z42DV4/S] / PDP communication for DVI format conversion [PD-Z35DV4, PD-Z35DV4/S]
21	CLE	O	Not used
22	PSSC	O	Not used
23	SDA1	I/O	I ² C bus data (for panel memory)
24	FAN	O	Not used
25	SCL1	O	I ² C bus clock (for panel memory)
26	SDA0	I/O	I ² C bus data (for BBE / surround / audio control, temp. sensor)
27	SCL0	O	I ² C bus clock (for BBE / surround / audio control, temp. sensor)
28	SDA2 / SDATA	I/O	I ² C bus data (for PDP communication)
29	SCL2 / SCK	O	I ² C bus clock (for PDP communication)
30	LE	O	Not used [PD-Z42DV4, PD-Z42DV4/S] / PDP communication for DVI format conversion [PD-Z35DV4, PD-Z35DV4/S]
31	SDA3	I/O	Not used
32	SCL3	O	Not used
33	NC	O	Not used
34	NC	O	Not used
35	NMI	I	Port for writing on board control [Writing : L]
36	A_MU	O	Audio muting [Muting : H]
37	(HD)	I	Not used
38	ON_TIMMER	O	Not used
39	REMO	I	Not used
40	POWERLED	O	Not used
41	P85	I	Emulator connection / Port for writing on board [Writing : H]
42	P86	I	Emulator connection
43	P87	I	Emulator connection
44	SCK3	O	Port for writing on board
45	RXD	I	Port for writing on board
46	TXD	O	Port for writing on board
47	AC_DET / ALARM	I	AC power frequency detection [Detection : H] [PD-Z42DV4, PD-Z42DV4/S] / PDP communication for DVI format conversion [PD-Z35DV4, PD-Z35DV4/S]
48	NC	O	Not used
49	RXD2	I	Data receive for chassis CPU communication
50	TXD2	O	Data transmission for chassis CPU communication
51	NC	O	Not used
52	MECA_SW	I	Not used

Pin No.	Pin name	I/O	Function
53	VD	I	Vertical sync
54	REC_DET	I	Not used
55	I2C_READY / PSS	I	PDP I ² C communication select [Prohibition : L / Permission : H] [PD-Z42VD4, PD-Z42DV4/S] / PDP communication for DVI format conversion [PD-Z35DV4, PD-Z35DV4/S]
56	FAN_LOCK	I	Not used
57	SYSTEM2	I	Not used
58	SYSTEM1	I	Not used
59	THEM_DET	I	Temp. sensor detection [Detection : H]
60	(AMP_PRO2)	-	GND
61	AMP_PRO1	I	Not used
62	EE_CDS	I	Not used
63	KEY_IN1	I	Not used
64	KEY_IN2	I	Not used

SECTION 3 DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE [PD-Z42DV4, PD-Z42DV4/S]

CAUTION:

- When exchanging parts etc. with the front side (PDP side) facing down, please place a protection sheet below before starting, so as to prevent scratches on the front side.

3.1.1 REMOVING THE REAR COVER (Fig.1)

- Remove the power cord.
- Remove the 15 screws [A], the 4 screws [B] and the 8 screws [C], and remove the REAR COVER.

3.1.2 REMOVING THE TERMINAL COVER AND CENTER COVER (Fig.1)

- Remove the REAR COVER.
- Remove the 7 screws [D], and remove the CHASSIS SHIELD COVER.
 - Remove the 6 screws [E], and remove the CENTER COVER.
 - Disconnect the COAXIAL CABLE.
 - Remove the 6 screws [F], the 12 screws [G], the 1 screw [H], and the 1 connector [I], and remove the TERMINAL COVER.

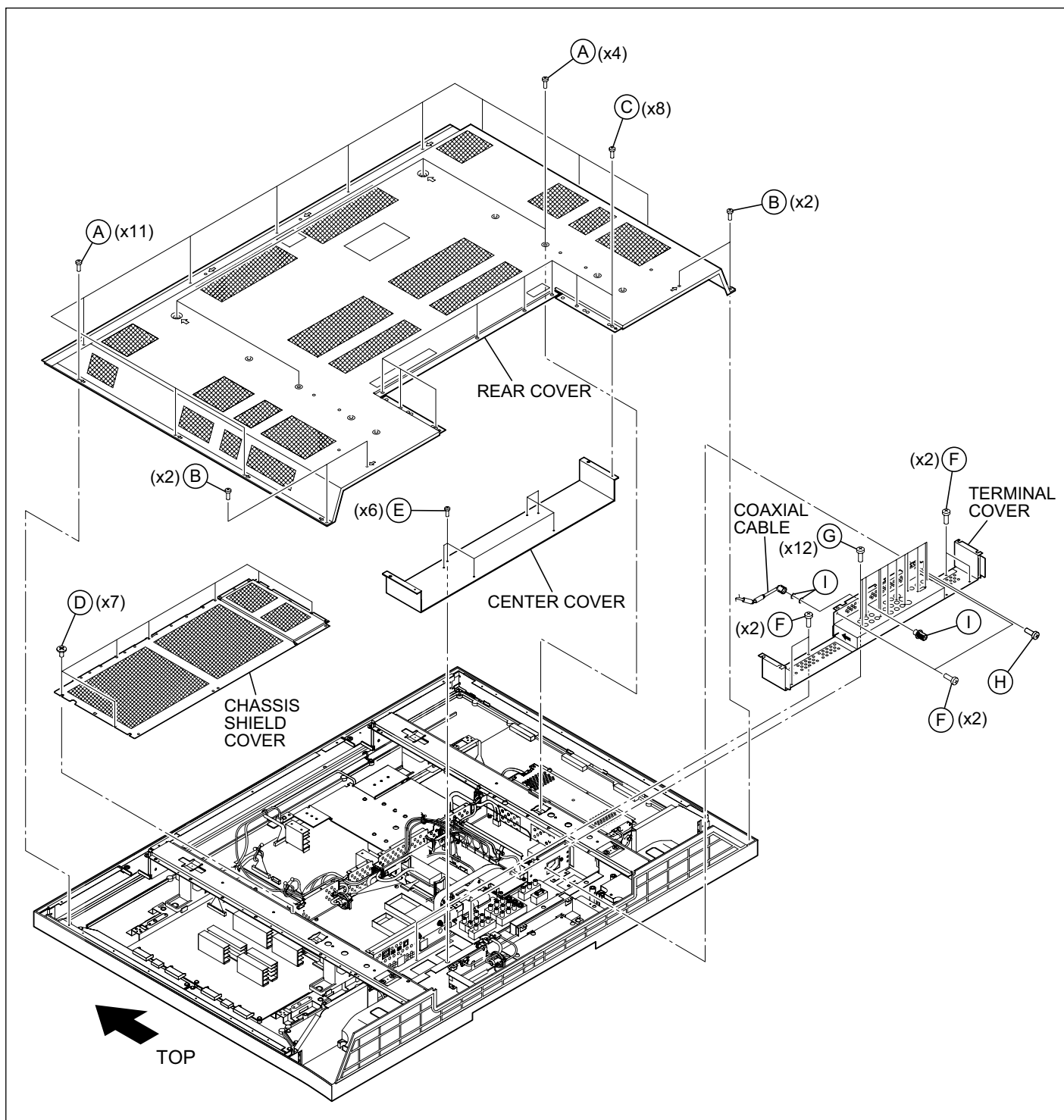


Fig. 1

3.1.3 REMOVING THE AUDIO PWB (Fig. 2)

- Remove the REAR COVER.
- (1) Remove the 4 screws [J], and remove the AUDIO CHASSIS COVER.
 - (2) Disconnect the connectors [CN600B], [CN600C], [CN600Y], [CN60SL], [CN60SR] from the AUDIO PWB.
 - (3) Remove the 4 screws [K], and remove the AUDIO PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.4 REMOVING THE AV JACK PWB (Fig.2)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
- (1) Disconnect the connectors [CN0J01], [CN0J02] from the AV JACK PWB.
 - (2) Remove the 4 screws [L], and remove the AV JACK PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.5 REMOVING THE INTERFACE PWB (Fig.2)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
- (1) Disconnect the connectors [CN00B], [CN00C], [CN00Q], [CN00G], [CN00T], [CN00V], [CN00X], [CN0FC], [CN0FN] from the INTERFACE PWB.
 - (2) Remove the 2 screws [M], and withdraw the INTERFACE PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.6 REMOVING THE REGULATOR PWB (Fig.2)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the INTERFACE PWB.
- (1) Disconnect the connectors [CN003], [CN008], [CN00D] from the REGULATOR PWB.
 - (2) Remove the 4 screws [N], and remove the REGULATOR PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.7 REMOVING THE LINE FILTER PWB (Fig.2)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the INTERFACE PWB.
- (1) Remove the 1 screw [O] and the 1 screw [P], and remove the AC INLET PANEL.
 - (2) Disconnect the connector [CN8001] from the MAIN POWER PWB.
 - (3) Remove the 1 screw [Q], the 1 screw [R] and the 2 screws [S], and remove the LINE FILTER PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.8 REMOVING THE RECEIVER PWB (Fig.2)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
- (1) Disconnect the connectors [CN00A], [CN00T] from the RECEIVER PWB.
 - (2) Withdraw the RECEIVER PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.9 REMOVING THE ANALOG SIGNAL PWB (Fig.2)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the RECEIVER PWB.
- (1) Disconnect the connectors [CN00F], [CN00G], [CN0J01], [CN0J02] from the ANALOG SIGNAL PWB.
 - (2) Remove the 4 screws [T], and remove the ANALOG SIGNAL PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.10 REMOVING THE DIGITAL SIGNAL PWB (Fig.2)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
- (1) Disconnect the connectors [CN001], [CN002], [CN003], [CN0FC], [CN0LV2] from the DIGITAL SIGNAL PWB.
 - (2) Remove the 5 screws [U], and remove the DIGITAL SIGNAL PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.11 REMOVING THE MAIN BASE, CHASSIS BASE AND AUDIO PWB BASE (Fig.2)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the AUDIO PWB.
 - Remove the AV JACK PWB.
 - Remove the INTERFACE PWB.
 - Remove the REGULATOR PWB.
 - Remove the LINE FILTER PWB.
 - Remove the RECEIVER PWB.
 - Remove the ANALOG SIGNAL PWB.
 - Remove the DIGITAL SIGNAL PWB.
- (1) Remove the 1 screw [V], and remove the DIGITAL TERMINAL COVER.
 - (2) Remove the 1 screw [W].
 - (3) Lift the MAIN BASE upright and remove it.
 - (4) Remove the 2 screws [X], and remove the CHASSIS BASE.
 - (5) Remove the 1 screw [Y], and remove the AUDIO PWB BASE.

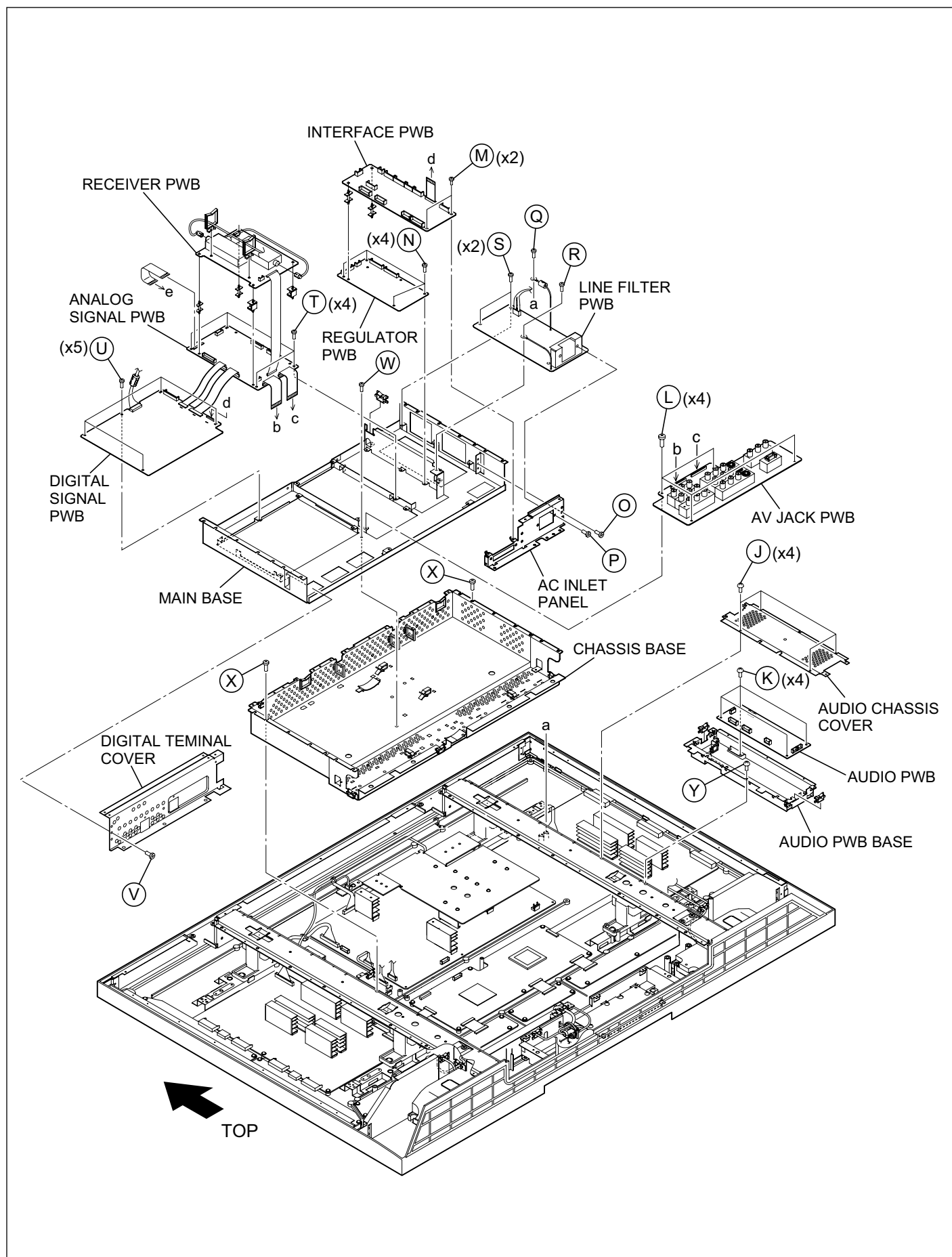


Fig. 2

3.1.12 REMOVING THE FRONT CONTROL PWB (Fig.3)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
- (1) Remove the 4 screws [Z] and the 2 screws [a].
 - (2) Disconnect the connectors [CN00F], [CN00T] from the FRONT CONTROL PWB.
 - (3) Remove the FRONT CONTROL PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.13 REMOVING THE FRONT LED PWB (Fig.3)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the FRONT CONTROL COVER.
- (1) Remove the 2 screws [b], and withdraw the FRONT PWB BASE.
 - (2) Disconnect the connector [CN00X] from the FRONT LED PWB.
 - (3) Remove the 2 screws [c], and remove the FRONT LED PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.14 REMOVING THE TEMP. SENSOR PWB (Fig.3)

- Remove the REAR COVER.
- (1) Disconnect the connector [CN00V] from the TEMP. SENSOR PWB.
 - (2) Remove the 1 screw [d], and remove the TEMP. SENSOR PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.15 REMOVING THE MAIN POWER PWB (Fig.3)

- Remove the REAR COVER.
- (1) Disconnect the connectors [CN8001], [CN8002], [CN8003], [CN8006], [CN8008], [CN8009], [CN9001] from the MAIN POWER PWB.
 - (2) Remove the 7 screws [e], and remove the MAIN POWER PWB and the POWER PWB BRACKET.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.16 REMOVING THE SUB POWER PWB (Fig.3)

- Remove the REAR COVER.
- (3) Disconnect the connectors [CN9001], [CN9005] [CN9010] from the SUB POWER PWB.
 - (4) Remove the 4 screws [f], and remove the SUB POWER PWB and the INSULATOR.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.17 REMOVING THE PDP UNIT (Fig.3)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).
 - Remove the TEMP. SENSOR PWB.
 - Remove the MAIN POWER PWB.
 - Remove the SUB POWER PWB.
- (1) Remove the 8 screws [g] and the 8 screws [h], and remove the BACK FRAME.
 - (2) Lift the PDP UNIT upright and remove it with enough care not to impose shock to the PDP UNIT.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

CAUTION:

- Two or more people are required to remove the PDP UNIT.
- The gas pouring port is covered with the protection material. In operation, be careful not to damage the gas pouring port.
- Do not touch the front side (glass) of the PDP with your fingers.

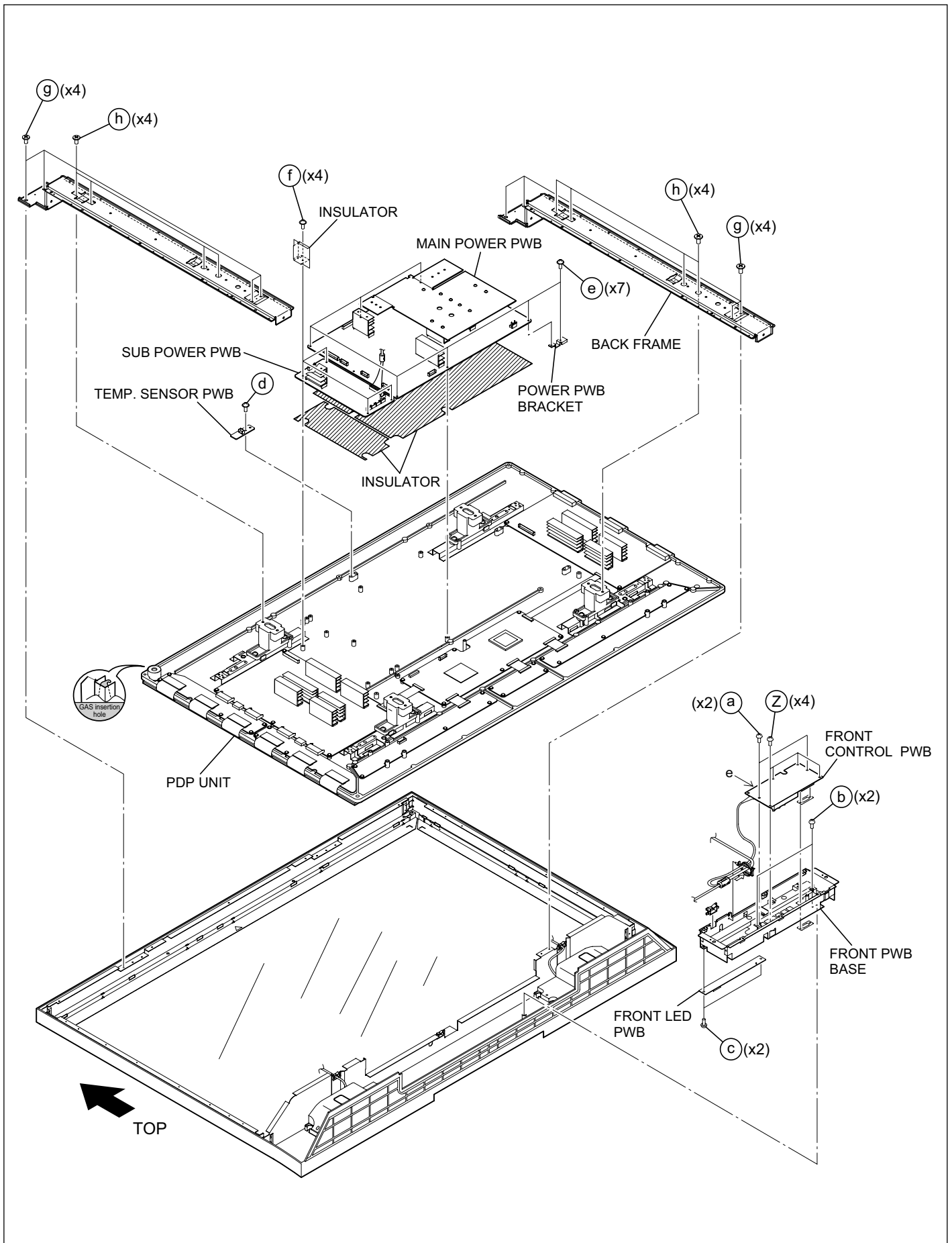


Fig. 3

3.1.18 REMOVING THE PWB IN PDP UNIT

3.1.18.1 REMOVING THE X-MAIN PWB (Fig.4)

- Remove the PDP UNIT.
- (1) Disconnect the connectors [CN4001], [CN4002], [CN4003], [CN4004], [CN4005] from the X-MAIN PWB.
- (2) Remove the 8 screws [i], and remove the X-MAIN PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.18.2 REMOVING THE Y-MAIN PWB (Fig.4)

- Remove the PDP UNIT.
- (1) Disconnect the connectors [CN5001], [CN5002], [CN5003], [CN5004], [CN5005], [CN5006], [CN5007], [CN5008] from the Y-MAIN PWB.
- (2) Remove the 7 screws [j], and remove the Y-MAIN PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.18.3 REMOVING THE LOGIC-MAIN PWB (Fig.4)

- Remove the PDP UNIT.
- (1) Disconnect the connectors [CN101], [CN201], [CN401], [CN402], [CN403], [CN803] from the LOGIC-MAIN PWB.
- (2) Remove the 7 screws [k], and remove the LOGIC-MAIN PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.18.4 REMOVING THE Y-BUFFER-U PWB (Fig.4)

- Remove the PDP UNIT.
- (1) Disconnect the connectors [CN5401], [CN5402], [CN5403], [CN5404], [CN5405], [CN5406] from the Y-BUFFER-U PWB.
- (2) Remove the 5 screws [m], and remove the Y-BUFFER-U PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.18.5 REMOVING THE Y-BUFFER-L PWB (Fig.4)

- Remove the PDP UNIT.
- (1) Disconnect the connectors [CN5501], [CN5502], [CN5503], [CN5504], [CN5505], [CN5506] from the Y-BUFFER-L PWB.
- (2) Remove the 5 screws [n], and remove the Y-BUFFER-L PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.18.6 REMOVING THE E-BUFFER PWB (Fig.4)

- Remove the PDP UNIT.
- (1) Disconnect the connectors [CN401], [CN806], [EC1], [EC2], [EC3], [EC4], [EC5], [EC6], [EF1] from the E-BUFFER PWB.
- (2) Remove the 6 screws [o], and remove the E-BUFFER PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.18.7 REMOVING THE F-BUFFER PWB (Fig.4)

- Remove the PDP UNIT.
- (1) Disconnect the connectors [CN402], [FC1], [FC2], [FE1], [FG1] from the F-BUFFER PWB.
- (2) Remove the 3 screws [p], and remove the F-BUFFER PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.1.18.8 REMOVING THE G-BUFFER PWB (Fig.4)

- Remove the PDP UNIT.
- (1) Disconnect the connectors [CN403], [GC1], [GC2], [GC3], [GC4], [GC5], [GC6], [GF1] from the G-BUFFER PWB.
- (2) Remove the 6 screws [q], and remove the G-BUFFER PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

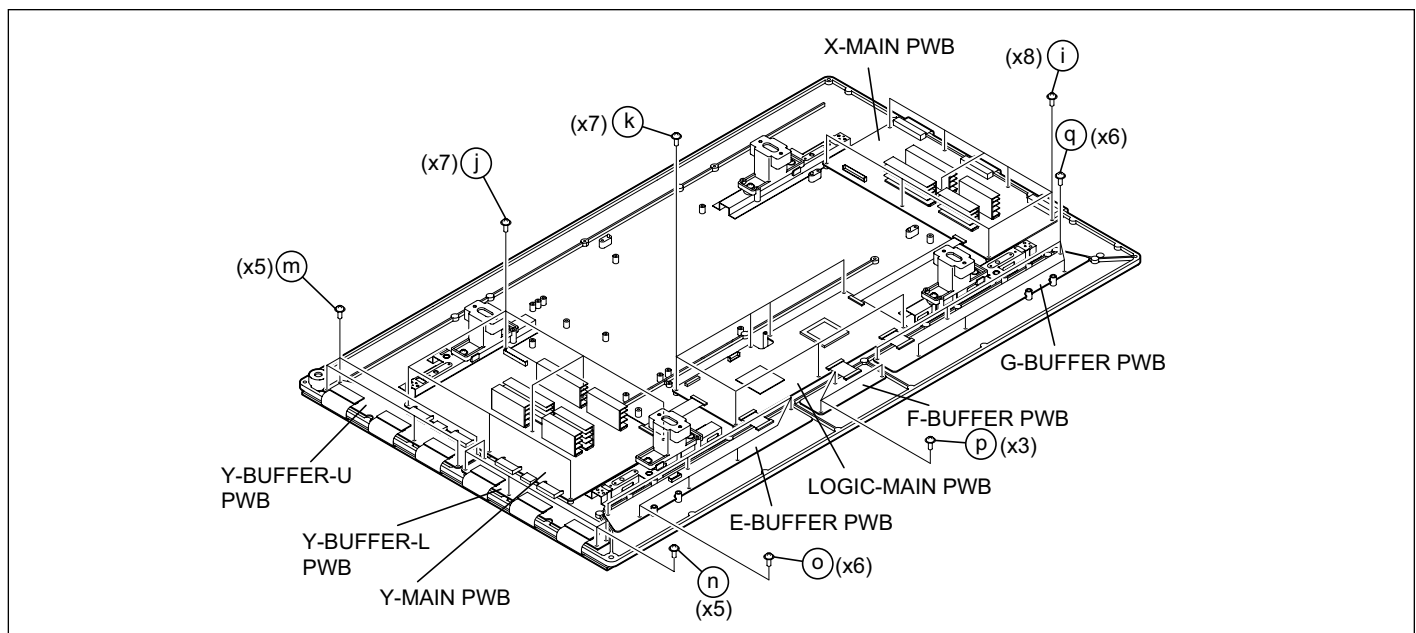


Fig. 4

3.1.19 REMOVING THE SPEAKER (Fig.5)

- Remove the REAR COVER
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
- Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).

- (1) Remove the 3 screws [r], and remove the SPEAKER.
- (2) Follow the same steps when removing the other hand SPEAKER.

CAUTION:

- Please do not disassembly the SPEAKER.
When the speaker is decomposed, the performance cannot be kept.

3.1.20 REMOVING THE FRONT PANEL AND THE FRONT FILTER (Fig.5)

- Remove the REAR COVER
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
- Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).
- Remove the PDP UNIT.

- (1) Remove the 8 screws [s].
- (2) Lift the FRAME BRACKETS and FRONT FILTER upright and remove it with enough care not to damage the FRONT FILTER.
- (3) Remove the FRONT PANEL.
- (4) Remove the 16 screws [t], and remove the FILTER BRACKET.
- (5) Remove the FRONT FILTER.

3.1.21 REMOVING THE TOP FRAME, BOTTOM FRAME AND SIDE FRAME (Fig.5)

- Remove the REAR COVER
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).
 - Remove the PDP UNIT.
 - Remove the FRONT FILTER.
- (1) Remove the 4 bosses [u] and the 8 screws [v], and remove the TOP FRAME, BOTTOM FRAME and SIDE FRAME.

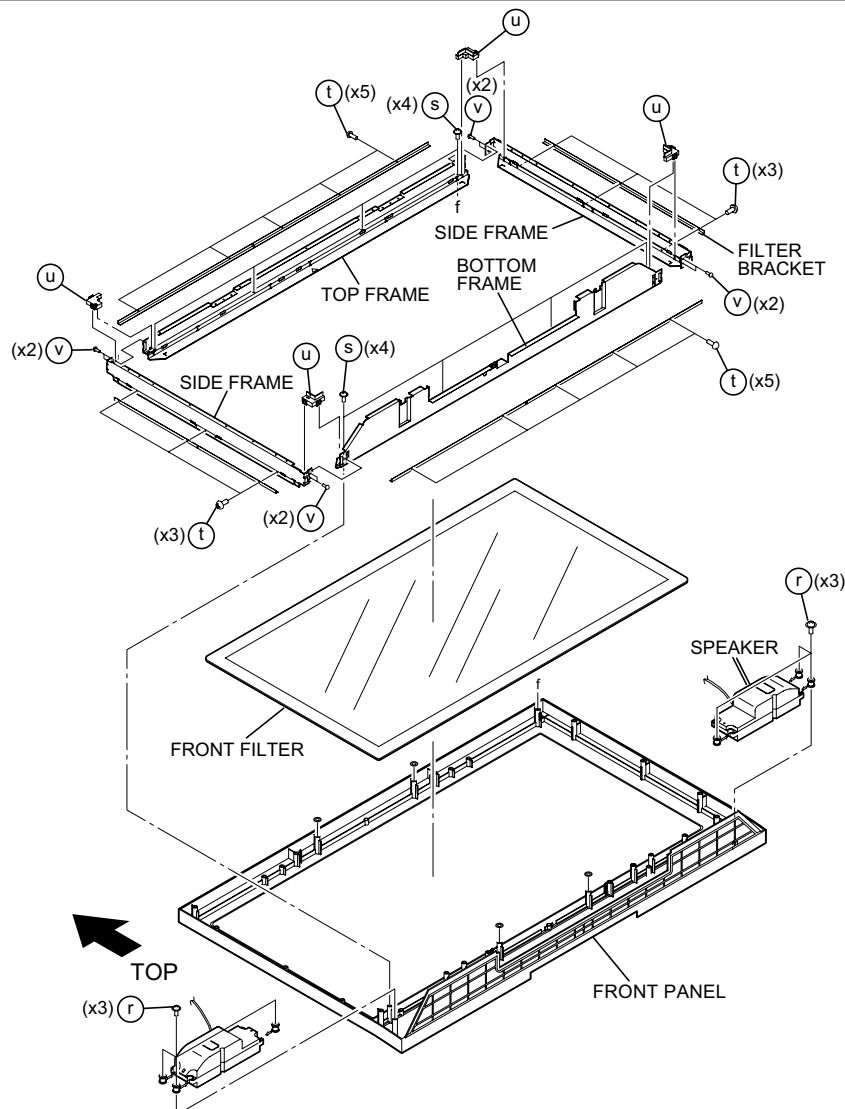


Fig. 5

3.2 DISASSEMBLY PROCEDURE [PD-Z35DV4, PD-Z35DV4/S]

CAUTION:

- When exchanging parts etc. with the front side (PDP side) facing down, please place a protection sheet below before starting, so as to prevent scratches on the front side.

3.2.1 REMOVING THE REAR COVER (Fig.6)

- Remove the power cord.
- Remove the 14 screws [A], the 6 screws [B] and the 8 screws [C], and remove the REAR COVER.

3.2.2 REMOVING THE TERMINAL COVER AND CENTER COVER (Fig.6)

- Remove the REAR COVER.
- Remove the 7 screws [D], and remove the CHASSIS SHIELD COVER.
 - Remove the 6 screws [E], and remove the CENTER COVER.
 - Disconnect the COAXIAL CABLE.
 - Remove the 6 screws [F], the 12 screws [G], the 1 screw [H], and the 1 connector [I], and remove the TERMINAL COVER.

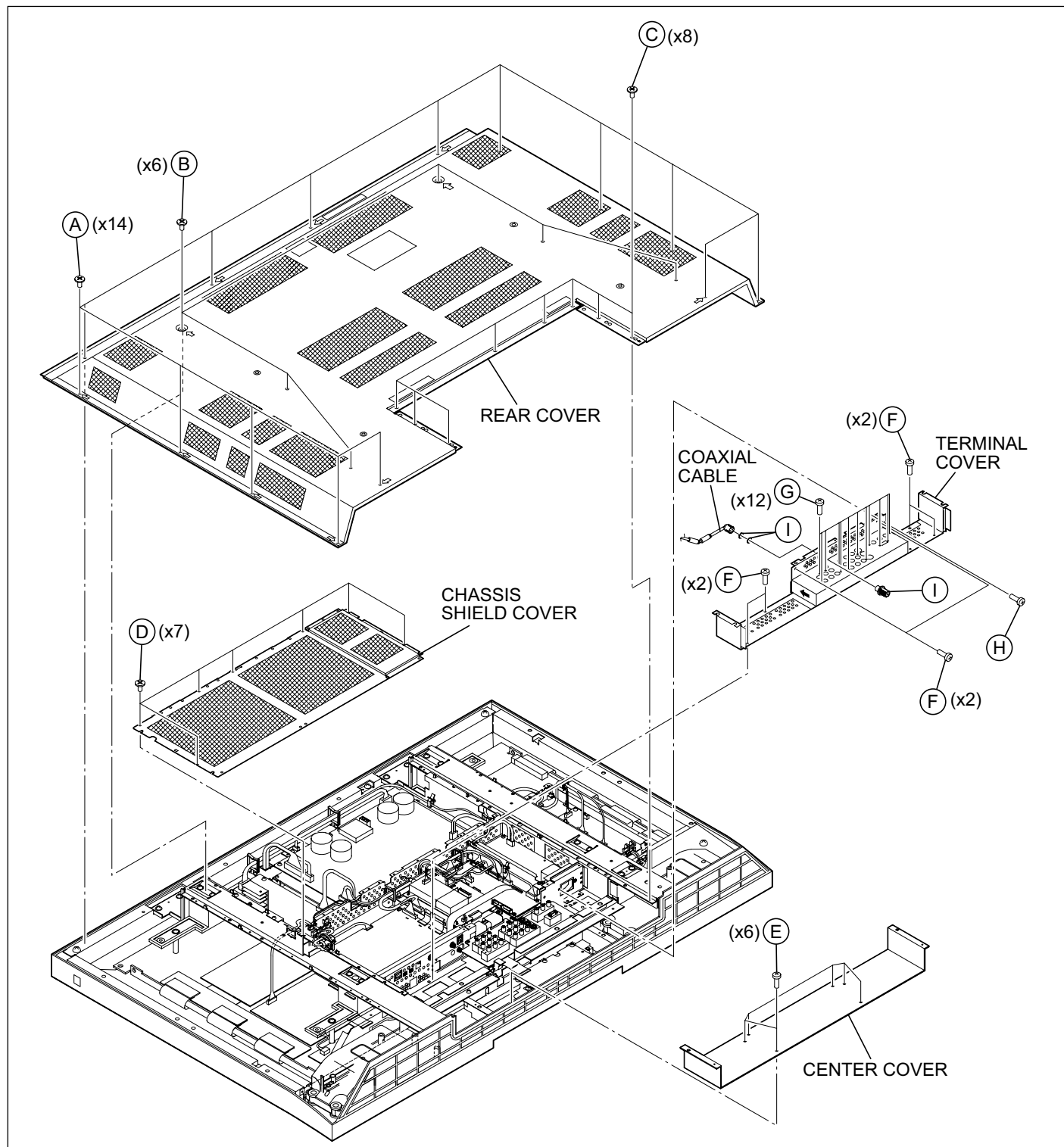


Fig. 6

3.2.3 REMOVING THE AUDIO PWB (Fig. 7)

- Remove the REAR COVER.
- (1) Remove the 4 screws [J], and remove the AUDIO CHASSIS COVER.
 - (2) Disconnect the connectors [CN600B], [CN600C], [CN600Y], [CN60SL], [CN60SR] from the AUDIO PWB.
 - (3) Remove the 4 screws [K], and remove the AUDIO PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.4 REMOVING THE AV JACK PWB (Fig.7)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
- (1) Disconnect the connectors [CN0J01], [CN0J02] from the AV JACK PWB.
 - (2) Remove the 4 screws [L], and remove the AV JACK PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.5 REMOVING THE INTERFACE PWB (Fig.7)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
- (1) Disconnect the connectors [CN00B], [CN00C], [CN00Q], [CN00G], [CN00T], [CN00V], [CN00X], [CN0FC], [CN0FN] from the INTERFACE PWB.
 - (2) Remove the 2 screws [M], and withdraw the INTERFACE PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.6 REMOVING THE REGULATOR PWB (Fig.7)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the INTERFACE PWB.
- (1) Disconnect the connectors [CN003], [CN008], [CN00D] from the REGULATOR PWB.
 - (2) Remove the 4 screws [N], and remove the REGULATOR PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.7 REMOVING THE LINE FILTER PWB (Fig.7)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the INTERFACE PWB.
- (1) Remove the 1 screw [O] and the 1 screw [P], and remove the AC INLET PANEL.
 - (2) Disconnect the connector [CN8001] from the MAIN POWER UNIT.
 - (3) Remove the 1 screw [Q] and the 2 screw [R], and remove the LINE FILTER PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.8 REMOVING THE RECEIVER PWB (Fig.7)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
- (1) Disconnect the connectors [CN00A], [CN00T] from the RECEIVER PWB.
 - (2) Withdraw the RECEIVER PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.9 REMOVING THE ANALOG SIGNAL PWB (Fig.7)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the RECEIVER PWB.
- (1) Disconnect the connectors [CN00F], [CN00G], [CN0J01], [CN0J02] from the ANALOG SIGNAL PWB.
 - (2) Remove the 4 screws [S], and remove the ANALOG SIGNAL PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.10 REMOVING DIGITAL SIGNAL PWB (Fig.7)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
- (1) Disconnect the connectors [CN001], [CN002], [CN003], [CN0FC], [CN0LV2] from the DIGITAL SIGNAL PWB.
 - (2) Remove the 5 screws [T], and remove the DIGITAL SIGNAL PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.11 REMOVING THE MAIN BASE, CHASSIS BASE AND AUDIO PWB BASE (Fig.7)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the AUDIO PWB.
 - Remove the AV JACK PWB.
 - Remove the INTERFACE PWB.
 - Remove the REGULATOR PWB.
 - Remove the LINE FILTER PWB.
 - Remove the RECEIVER PWB.
 - Remove the ANALOG SIGNAL PWB.
 - Remove the DIGITAL SIGNAL PWB.
- (1) Remove the 1 screw [U], and remove the DIGITAL TERMINAL COVER.
 - (2) Remove the 1 screw [V].
 - (3) Lift the MAIN BASE upright, and remove it.
 - (4) Remove the 2 screws [W], and remove the CHASSIS BASE.
 - (5) Remove the 1 screw [X], and remove the AUDIO PWB BASE.

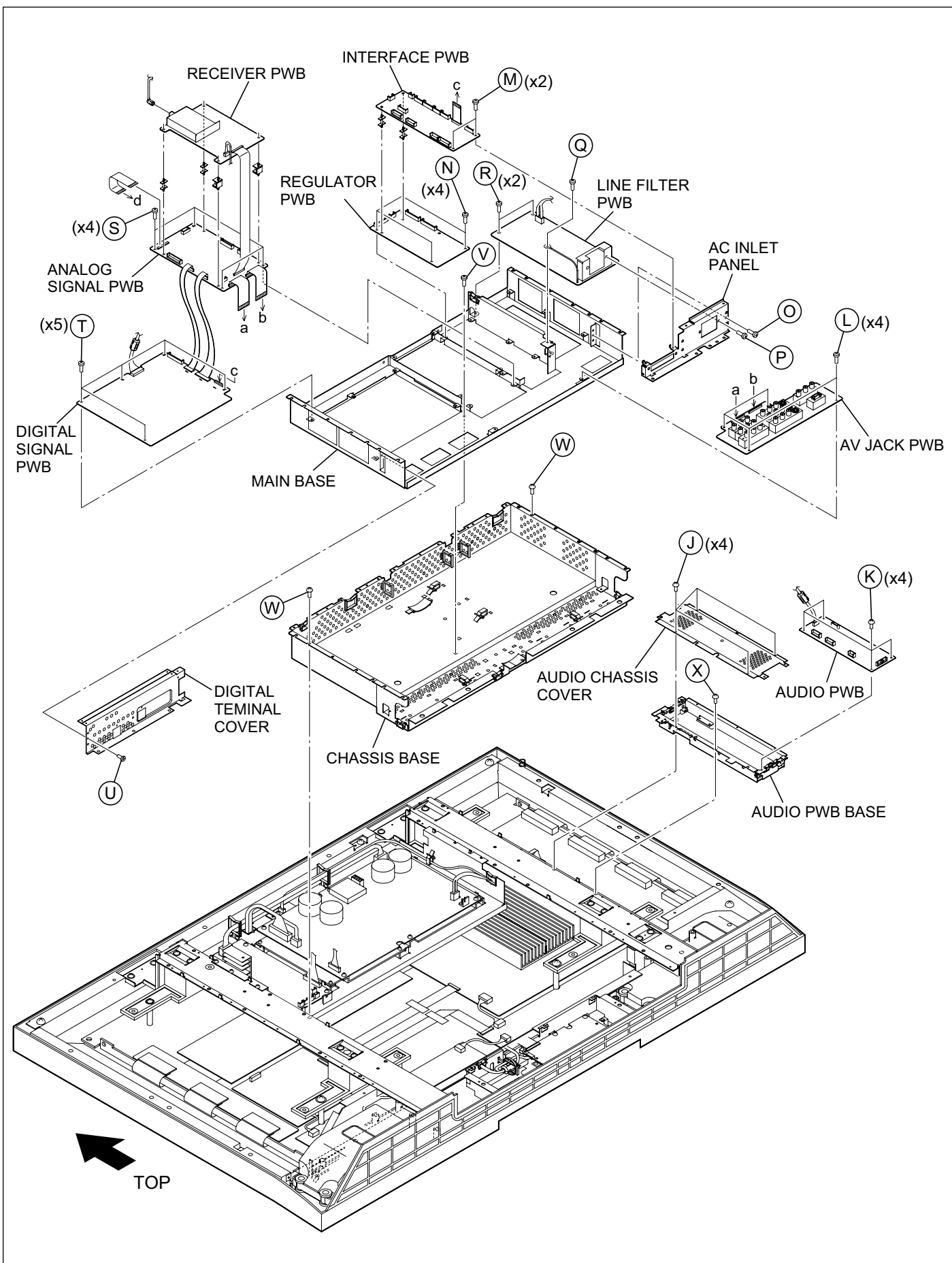


Fig. 7

3.2.12 REMOVING THE FRONT CONTROL PWB (Fig.8)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
- (1) Remove the 4 screws [Y] and the 2 screws [Z].
 - (2) Disconnect the connectors [CN00F], [CN00T] from the FRONT CONTROL PWB.
 - (3) Remove the FRONT CONTROL PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.13 REMOVING THE FRONT LED PWB (Fig.8)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the FRONT CONTROL COVER.
- (1) Remove the 2 screws [a], and remove the FRONT PWB BASE.
 - (2) Disconnect the connector [CN00X] from the FRONT LED PWB.
 - (3) Remove the 2 screws [b], and remove the FRONT LED PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.14 REMOVING THE TEMP. SENSOR PWB (Fig.8)

- Remove the REAR COVER.
- (1) Disconnect the connector [CN00V] from the TEMP. SENSOR PWB.
 - (2) Remove the 1 screw [c], and remove the TEMP. SENSOR PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.15 REMOVING THE MAIN POWER UNIT (Fig.8)

- Remove the REAR COVER.
- (1) Disconnect the connectors [CN8001], [CN8003], [CN8005], [CN8009], [CN9001] from the MAIN POWER UNIT.
 - (2) Remove the 6 screws [d], and remove the MAIN POWER UNIT.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.16 REMOVING THE SUB POWER PWB (Fig.8)

- Remove the REAR COVER.
- (1) Disconnect the connectors [CN9001], [CN9005] [CN9010] from the SUB POWER PWB.
 - (2) Remove the 4 screws [e], and remove the SUB POWER PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.17 REMOVING THE POWER PWB BASE (Fig.8)

- Remove the REAR COVER.
 - Remove the TEMP. SENSOR PWB.
 - Remove the MAIN POWER UNIT.
 - Remove the SUB POWER PWB
- (1) Remove the 4 screws [f], and remove the POWER PWB BASE.

3.2.18 REMOVING THE PDP UNIT (Fig.8)

- Remove the REAR COVER.
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).
 - Remove the POWER PWB BASE (with each PWB affixed on the POWER PWB BASE).
- (1) Remove the 8 screws [g] and the 8 screws [h], and remove the BACK FRAME.
 - (2) Lift the PDP UNIT upright and remove it with enough care not to impose shock to the PDP UNIT.
 - (3) Remove the 8 screws [i], and remove the BACK FRAME SPACERS.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

CAUTION:

- Two or more people are required to remove the PDP UNIT.
- The gas pouring port is covered with the protection material. In operation, be careful not to damage the gas pouring port.
- Do not touch the front side (glass) of the PDP with your fingers.

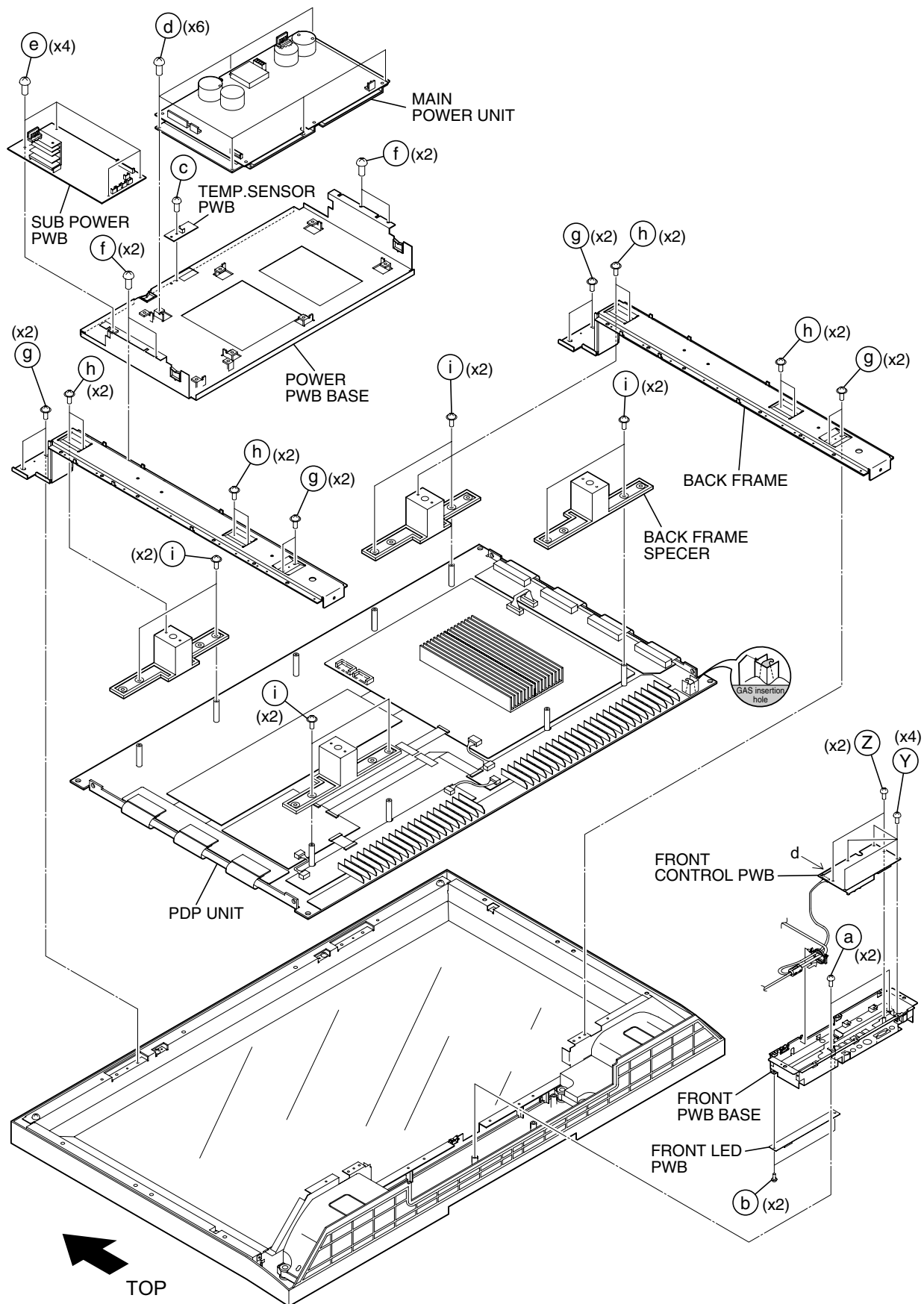


Fig. 8

3.2.19 REMOVING THE PWB IN PDP UNIT

3.2.19.1 REMOVING THE PANEL POWER PWB (Fig.9)

- Remove the PDP UNIT.

- (1) Disconnect the connectors [CN200], [CN305], [CN315] from the PANEL POWER PWB.
- (2) Remove the 12 screws [j] and the 9 screws [k], and remove the PANEL POWER PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.19.2 REMOVING THE LOGIC CONTROL PWB (Fig.9)

- Remove the PDP UNIT.

- (1) Disconnect the connectors [CN401], [CN402], [CN601], [CN701] from the LOGIC CONTROL PWB.
- (2) Remove the 4 screws [m], and remove the LOGIC CONTROL PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.19.3 REMOVING THE COMMON DRIVE PWB (Fig.9)

- Remove the PDP UNIT.

- (1) Disconnect the connectors [CN1], [CN2], [CN3] from the COMMON DRIVE PWB.
- (2) Remove the 4 screws [n] and the 4 screws [o], and remove the COMMON DRIVE PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.19.4 REMOVING THE SCANNING DRIVE PWB (Fig. 9)

- Remove the PDP UNIT.

- (1) Disconnect the connectors [CN222], [CN223], [CN224], [CN226], [CN227] from the SCANNING DRIVE PWB.

- (2) Remove the 8 screws [p] and the 2 screws [q], and remove the SCANNING DRIVE PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.19.5 REMOVING THE SIGNAL DRIVE-L PWB (Fig.9)

- Remove the PDP UNIT.

- (1) Remove the 7 screws [r], and remove the HEAT SINK.
- (2) Disconnect the connectors [CN6], [CN7], [CN8], [CN9], [CN10], [CN13], [CN14], [CN15] from the SIGNAL DRIVE-L PWB.
- (3) Remove the 5 screws [s], and remove the SIGNAL DRIVE-L PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.18.6 REMOVING THE SIGNAL DRIVE-R PWB (Fig.9)

- Remove the PDP UNIT.

- (1) Remove the 8 screws [r], and remove the HEAT SINK.
- (2) Disconnect the connectors [CN1], [CN2], [CN3], [CN4], [CN5], [CN11], [CN12], [CN16] from the SIGNAL DRIVE-R PWB.
- (3) Remove the 4 screws [t], and remove the SIGNAL DRIVE-R PWB.

NOTE:

- It is advisable to take note of the connecting location (connector number) of the removed connectors.

3.2.19.7 REMOVING THE BRIDGE PWB (Fig.9)

- Remove the PDP UNIT.

- (1) Remove the 8 screws [u] and the 5 screws [v], and remove the BRIDGE PWB.

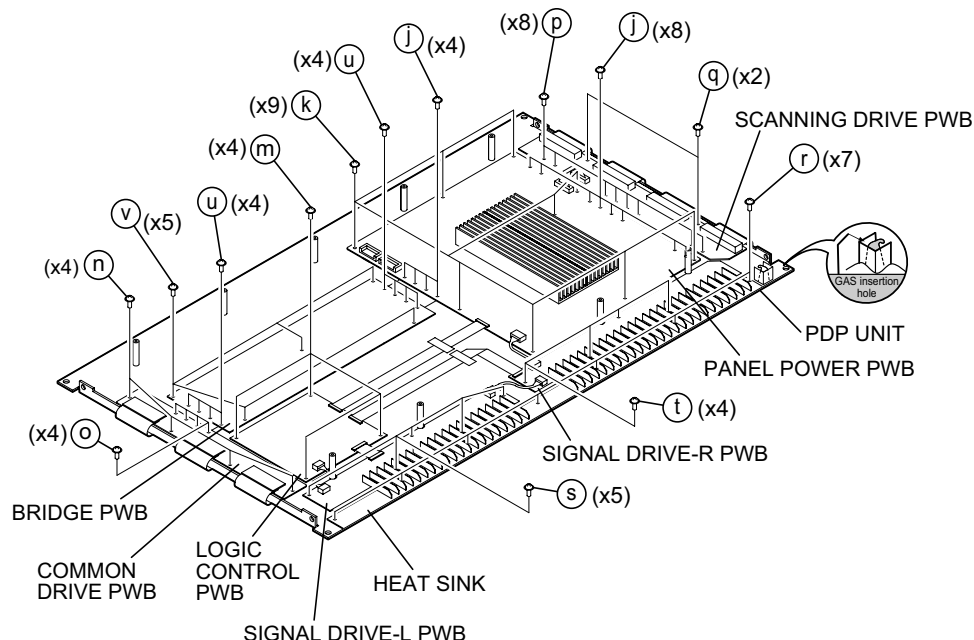


Fig. 9

3.2.20 REMOVING THE SPEAKER (Fig.10)

- Remove the REAR COVER
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
- Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).

- (1) Remove the 3 screws [w], and remove the SPEAKER.
- (2) Follow the same steps when removing the other hand SPEAKER.

CAUTION:

- Please do not disassembly the SPEAKER.
When the speaker is decomposed, the performance cannot be kept.

3.2.21 REMOVING THE FRONT PANEL AND THE FRONT FILTER (Fig.10)

- Remove the REAR COVER
- Remove the CENTER COVER.
- Remove the CHASSIS SHIELD COVER.
- Remove the TERMINAL COVER.
- Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).

- Remove the PDP UNIT.

- (1) Remove the 6 screws [x].
- (2) Lift the FRAME BRACKETS and FRONT FILTER upright and remove it with enough care not to damage the FRONT FILTER.
- (3) Remove the FRONT PANEL.
- (4) Remove the 12 screws [y], and remove the FILTER BRACKET.
- (5) Remove the FRONT FILTER.

3.2.22 REMOVING THE TOP FRAME, BOTTOM FRAME AND SIDE FRAME (Fig.10)

- Remove the REAR COVER
 - Remove the CENTER COVER.
 - Remove the CHASSIS SHIELD COVER.
 - Remove the TERMINAL COVER.
 - Remove the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE (with each PWB affixed on the MAIN BASE, CHASSIS BASE and AUDIO PWB BASE).
 - Remove the PDP UNIT.
 - Remove the FRONT FILTER.
- (1) Remove the 8 screws [z], and remove the TOP FRAME, BOTTOM FRAME and SIDE FRAME.

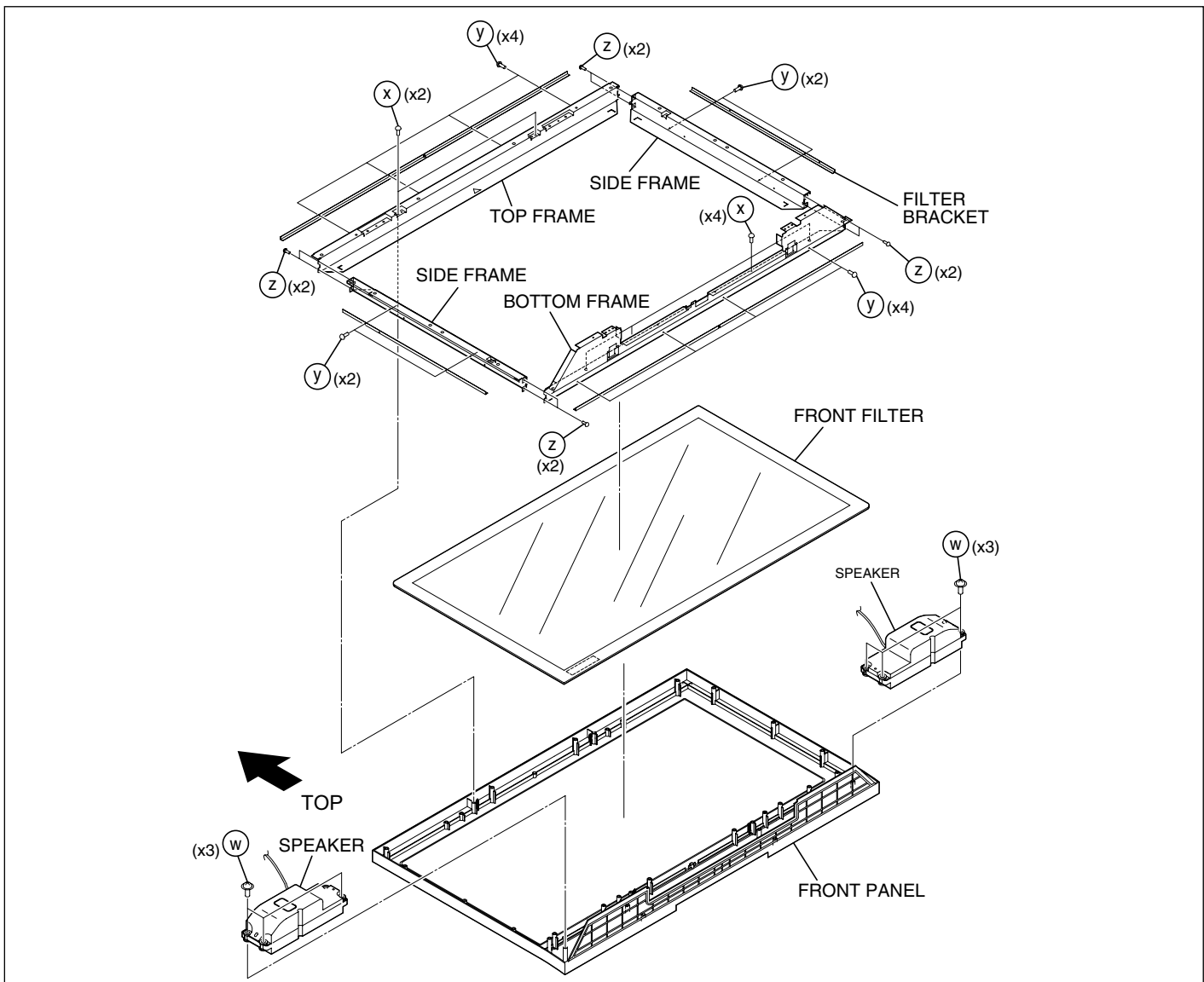


Fig. 10

3.3 REPLACEMENT OF MEMORY IC

3.3.1 MEMORY IC

This unit uses the nonvolatile memory IC.

The memory IC memories data for video and deflection circuits. To replace the memory IC without the data written, malfunctions might occurred while power is on, and the normal image might not appear. When replacing the memory IC, be sure to use the IC written with the initial values of data.

3.3.2 PROCEDURE FOR REPLACING THE MEMORY IC

- 1. Power off**
Switch the power off and unplug the power cord from the wall outlet.
- 2. Replacing the memory IC**
Replace the memory IC with new one. Be sure to use the memory IC written with the initial data values.
- 3. Power on**
Plug the power cord into the wall outlet and switch the power on.
- 4. Receive channel setting**
Refer to the **OPERATING INSTRUCTIONS** and set the receive channels (channels preset).
- 5. User setting**
Check the user setting values in Table 1 to Table 3. If setting value is different, set the correct value.
For setting, refer to the **OPERATING INSTRUCTIONS**.
- 6. Setting of SERVICE MENU**
Verify the setting for each setting item in the SERVICE MENU.(See Table 4.) If readjustment is necessary, perform adjustment referring to "ADJUSTMENTS PROCEDURE".

3.3.3 FACTORY SETTING VALUE

3.3.3.1 SETTING OF SWITCHS ON FRONT SIDE OF MAIN BODY

Setting item	Setting value
POWER	OFF
CHANNEL	PR1
VOLUME	10
INPUT	TV

Table 1

3.3.3.2 SETTING OF REMOTE CONTROL UNIT

Setting item	Setting value
ZOOM	PANORAMIC
MULTI PICTURE	1 SCREEN
CINEMA SURROUND	OFF

Table 2

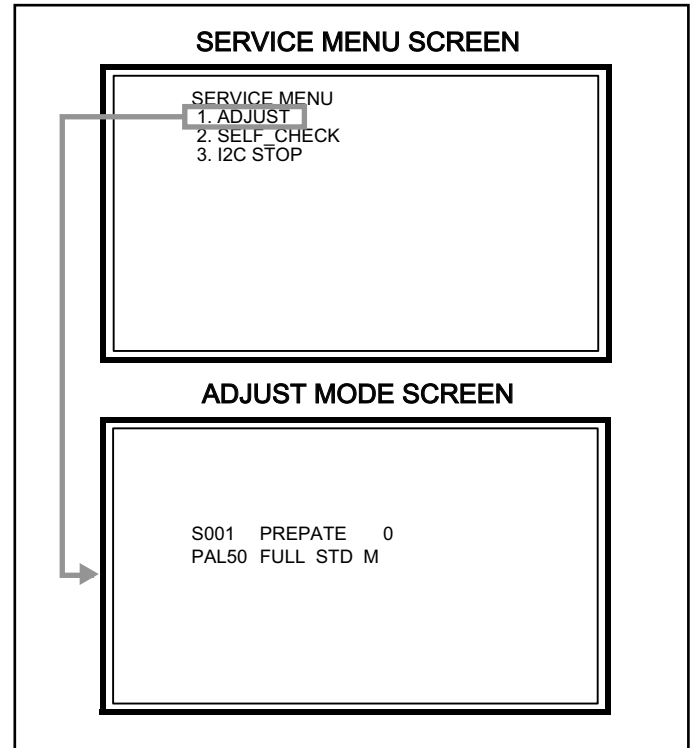


Fig.1

3.3.3.3 SETTING OF MENU SCREEN

Setting item		Setting value	
PICTURE SETTING		FEATURES	
PICTURE MODE	BRIGHT	SLEEP TIMER	OFF
CONTRAST	+6	APPEARANCE	TYPE A
BRIGHT	0	BLUE BACK	ON
SHARP	+5	CHILD LOCK	OFF
COLOUR	+3	AUTO SHUT OFF	OFF
TINT	0	REFRESH	OFF
WHITE BALANCE	MID	SET UP	
PICTURE FEATURES		EDIT	Only for PR / CH
DIGITAL VNR	MIN	LANGUAGE	ENGLISH
Super DigiPure	AUTO	VIDEO-1 SETTING	COMPONENT
PULL DOWN	AUTO	VIDEO-3 SETTING	COMPONENT
COLOUR MANAGEMENT	ON	AI VOLUME	ON
PICTURE MANAGEMENT	ON	TELETEXT LANGUAGE	GROUP-1
COLOUR SYSTEM	MAIN : AUTO SUB: AUTO	PICTURE SHIFT	FAST
4:3 AUTO ASPECT	PANORAMIC		
SOUND SETTING			
STEREO / I•II	Stereo sound		
BASS	Center		
TREBLE	Center		
BALANCE	Center		
CINEMA SURROUND	OFF		
A.H.B.	OFF		
BBE	OFF		
SPEAKER	TV		

Table 3

3.3.3.4 SERVICE MENU SETTING ITEMS

Service menu	Setting item
1. ADJUST	S001 ~ S039 T001 ~ T010 P001 ~ P010 D001 ~ D187 Z001 ~ Z010
2. SELF CHECK	[Refer to “SECTION 5 TROUBLESHOOTING” (page 1-40)]
3. I2C STOP	[Do not adjust]

Table 4

CAUTION

When a number key other than the [1] to [3] key is pressed in the SERVICE MENU screen, the other relevant screen may be displayed. This is not used in the adjustment procedure.
Press the [MENU] key to return to the SERVICE MENU.

3.4 REPLACEMENT OF CHIP COMPONENT

3.4.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.4.2 SOLDERING IRON

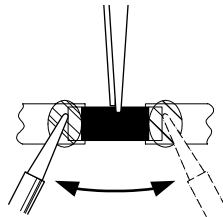
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.4.3 REPLACEMENT STEPS

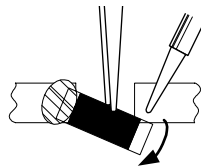
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

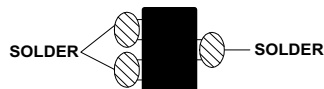


- (2) Shift with tweezers and remove the chip part.

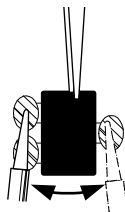


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



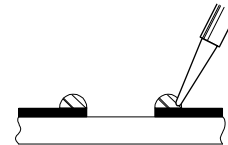
Note :

After removing the part, remove remaining solder from the pattern.

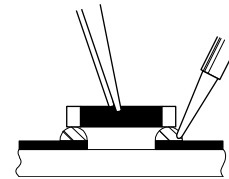
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

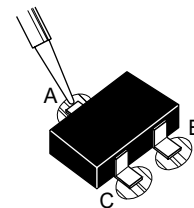


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

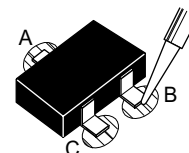


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead A as indicated in the figure.



- (4) Then solder leads B and C.



SECTION 4 ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

- (1) You can make the necessary adjustments for this unit with either the remote control unit or with the adjustment equipment and parts as given below.
- (2) Adjustment with the remote control unit is made on the basis of the initial setting values, however, the new setting values which set the screen to its optimum condition may differ from the initial settings.
- (3) Make sure that AC power is turned on correctly.
- (4) Turn on the power for the set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.
- (5) Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.
- (6) Never touch any adjustment parts, which are not specified in the list for this variable resistors, transformers, trimmer capacitors, etc.
- (7) Presetting before adjustment.
Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit.

4.2 PRESETTING BEFORE ADJUSTMENT

Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit.

Setting item	Settings
PICTURE MODE	STANDARD
PICTURE adjustments	All center (00)
WHITE BALANCE	MID
DIGITAL VNR	MIN
Super DigiPure	AUTO
PULL DOWN	AUTO
COLOUR MANAGEMENT	ON
PICTURE MANAGEMENT	ON
SOUND adjustments	All center (00)
CINEMA SURROUND	OFF
A.H.B	OFF
BBE	OFF
ZOOM	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

- DC voltmeter (or Digital voltmeter)
- Signal generator (Pattern generator)
[PAL / SECAM / NTSC / 625i COMPONENT / 1125i / PC (VGA)]
- Remote control unit

4.4 BASIC OPERATION OF THE SERVICE MENU

4.4.1 TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the remote control unit.

4.4.2 HOW TO ENTER THE SERVICE MENU

- (1) Press the [DISPLAY] key and the [MUTING] key simultaneously, and the SERVICE MENU screen of Fig.1 will be displayed.

4.4.3 SELECT THE SERVICE MENU ITEM

- (1) When the Main Menu is displayed, press any key of the [1] to [3] key to enter the corresponding menu mode.

CAUTION:

When a number key other than the [1] to [3] key is pressed in the SERVICE MENU screen, the other relevant screen may be displayed.

This is not used in the adjustment procedure.

Press the [MENU] key to return to the SERVICE MENU.

4.4.4 SELECT THE SETTING ITEM AND SETTING VALUE

- (1) Select the service item using the [FUNCTION (▲ / ▼)] key.
- (2) Set the value using the [FUNCTION (◀ / ▶)] key.
- (3) Press the [MUTING] key to memorize the set value.

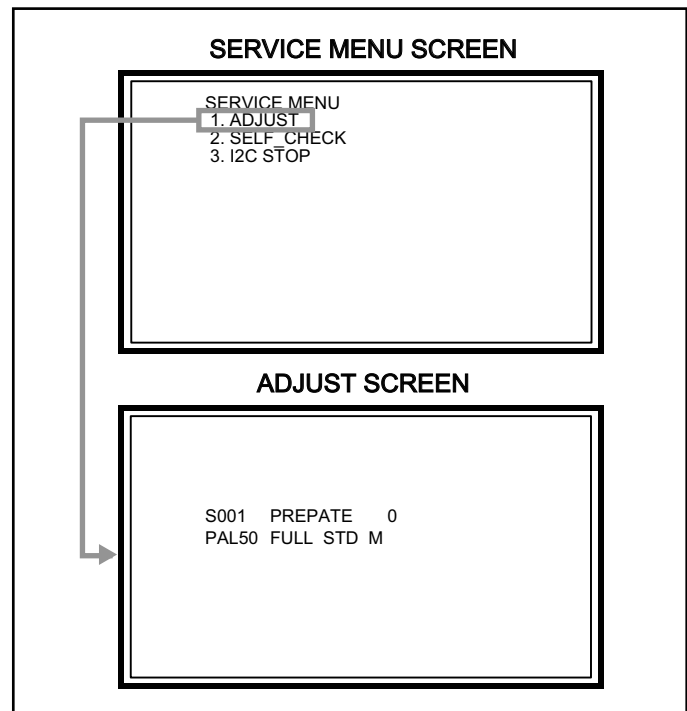


Fig.1

4.4.5 HOW TO EXIT THE SERVICE MENU MODE

Press the [MENU] key to exit the Service Menu mode.

4.4.6 SERVICE CONTROL KEY LAYOUT ON THE REMOTE CONTROL UNIT

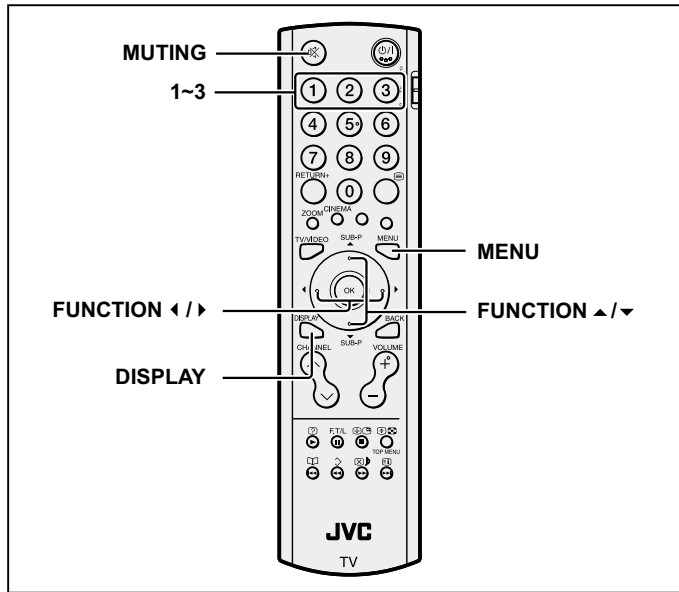


Fig.2

4.4.7 SETTING OF THE SERVICE MENUS

4.4.7.1 [1.ADJUST]

[Do not change setting values of items that are not included in the “ADJUSTMENT PROCEDURE”. They are fixed values]

Set output data of the port of the video, audio, panel control, drive and main CPU setting.

(1) SIGNAL

The signal displayed on the screen is displayed.

PAL50 : PAL50Hz (Composite / S-video)
 PAL60 : PAL60Hz (Composite / S-video)
 SECAM : SECAM
 NTSC3 : NTSC3.58
 NTSC4 : NTSC4.43
 525I : 525i (Component)
 525P : 525p
 625I : 625i (Component)
 625P : 625p
 750P : 750p
 1125I5 : 1125i 50Hz
 1125I6 : 1125i 60Hz
 PCVGA : PC (VGA)

(2) SCREEN SIZE / MULTI PICTURE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

• SCREEN SIZE

FULL : FULL
 PANO : PANORAMIC
 1609 : 16:9 ZOOM
 1609S : 16:9 ZOOM SUBTITLE
 1409 : 14:9 ZOOM
 REGU : REGULAR

• MULTI PICTURE

M2 : 2 pictures
 M12 : 12 pictures

(3) PICTURE MODE

The PICTURE MODE is displayed.

STD : STANDARD
 BRI : BRIGHT
 SOFT : SOFT
 GAME : GAME

(4) WHITE BALANCE

The WHITE BALANCE is displayed.

H : WARM
 M : MID
 L : COOL

(5) ITEM No.

The ITEM No. is displayed.

- [Function (▲ / ▼)] key
 For scrolling up / down the setting items.

→ S001...↔ T001...↔ P001...↔ D001...↔ Z001...←

(6) SETTING VALUE

The SETTING VALUE is displayed.

- [Function (< / >)] key
 For scrolling up / down the setting values.

Item No.	Setting items
S001~S039	This item adjusts the setting values of the video circuit.
T001~T010	This item adjusts the setting values of the audio circuit.
P001~P010	This item adjusts the setting values of the panel control circuit.
D001~D187	This item adjusts the setting values of the drive circuit.
Z001~Z010	This item adjusts the setting values of the main CPU circuit.

4.4.7.2 [2.SELF CHECK]

[Refer to “SECTION 5 TROUBLESHOOTING” (page 1-40)]

4.4.7.3 [3.I2C STOP]

[Setting for this item is not required in servicing]

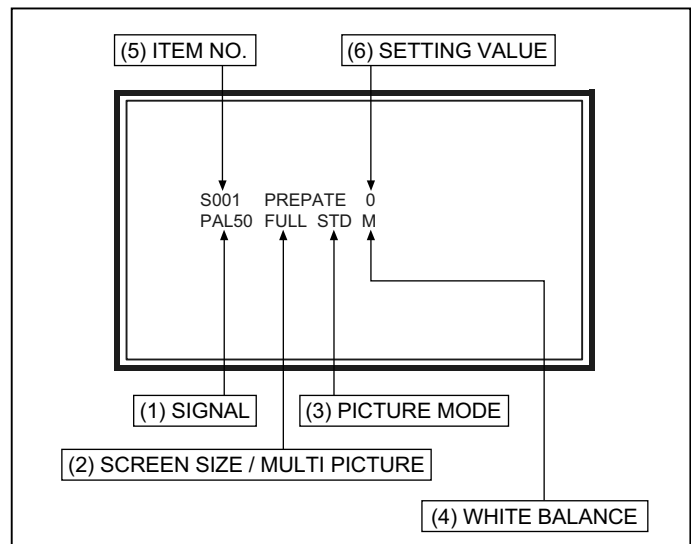


Fig.3

4.5 INITIAL SETTING VALUES IN THE SERVICE MENU SETTING MODE

- Perform fine-tuning based on the “initial setting values” using the remote control when in the SERVICE MENU setting mode.
- The “initial setting values” serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the initial setting values. But, don't change the values that are not written in “ADJUSTMENT PROCEDURE”. They are fixed values.

4.5.1 [1.ADJUST]

4.5.1.1 VIDEO SYSTEM

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
S001	PREPARE	0~31	0	0	0
S002	NTSC BL	0~15	0	0	0
S003	NTSC CNT	0~255	39	39	39
S004	NT CR OF	0~15	7	7	7
S005	NT CB OF	0~15	7	7	7
S006	525i BL	0~15	0	0	0
S007	525i CNT	0~255	39	39	39
S008	5i CB OF	0~15	0	0	0
S009	5i CR OF	0~15	0	0	0
S010	5i CR GN	0~15	7	7	7
S011	5i CB GN	0~15	7	7	7
S012	HD BL	0~63	56	56	56
S013	HD CB OF	0~63	54	54	54
S014	HD CR OF	0~63	53	53	53
S015	RT CONT	0~15	7	7	7
S016	RT CB OF	0~15	8	8	8
S017	RT CR OF	0~15	8	8	8
S018	RT CL GA	0~15	4	4	4
S019	PC CL MB	0~7	0	0	0
S020	PC CL LB	0~31	0	0	0
S021	PC CL MR	0~7	0	0	0
S022	PC CL LR	0~31	0	0	0
S023	(NO DISPLAY)	0~255	0	0	0
S024	(NO DISPLAY)	0~255	0	0	0
S025	(NO DISPLAY)	0~255	0	0	0
S026	(NO DISPLAY)	0~255	0	0	0
S027	(NO DISPLAY)	0~255	0	0	0
S028	(NO DISPLAY)	0~255	0	0	0
S029	(NO DISPLAY)	0~255	0	0	0
S030	R DRIVE	0~255	133	133	133
S031	G DRIVE	0~255	119	119	119
S032	B DRIVE	0~255	123	123	123
S033	(NO DISPLAY)	0~255	0	0	0
S034	(NO DISPLAY)	0~255	0	0	0
S035	(NO DISPLAY)	0~255	0	0	0
S036	(NO DISPLAY)	0~255	0	0	0
S037	(NO DISPLAY)	0~255	0	0	0
S038	(NO DISPLAY)	0~255	0	0	0
S039	ILACOM	0~1	0	0	0

4.5.1.2 AUDIO SYSTEM

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
T001	IN LEVEL	0~255	0	0	0
T002	LOW SEP	0~255	0	0	0
T003	HIGH SEP	0~255	0	0	0
T004	AFC	0~255	4	4	4
T005	(NO DISPLAY)	0~255	0	0	0
T006	ATT V ON	0~1	1	1	1
T007	ATT U ON	0~1	1	1	1
T008	ATT C ON	0~1	1	1	1
T009	(NO DISPLAY)	0~255	0	0	0
T010	(NO DISPLAY)	0~255	0	0	0

4.5.1.3 PANEL CONTROL SYSTEM

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
P001	TM HOR H	0~FF	00	00	00
P002	TM HOR L	0~FF	01	02	02
P003	TM MIN	0~FF	16	05	05
P004	TEMP	0~255	57	43	41
P005	(NO DISPLAY)	0~255	0	0	0
P006	(NO DISPLAY)	0~255	0	0	0
P007	(NO DISPLAY)	0~255	0	0	0
P008	(NO DISPLAY)	0~255	0	0	0
P009	(NO DISPLAY)	0~255	0	0	0
P010	(NO DISPLAY)	0~255	0	0	0

4.5.1.4 DRIVE SYSTEM

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
D001	SLV GN	0~3F	20	20	20
D002	SLVH GN	0~3F	20	20	20
D003	SLH GN	0~3F	20	20	20
D004	SLV Pf	0~03	01	01	01
D005	SLH Pf H	0~01	01	01	01
D006	SLH Pf L	0~03	01	01	01
D007	SL EGCON	0~3F	07	07	07
D008	SL EGONF	0~01	01	01	01
D009	SL CRGON	0~3F	04	04	04
D010	SL CRGON	0~01	01	01	01
D011	SL ON OF	0~01	01	01	01
D012	SV GN	0~3F	10	10	17
D013	SVH GN	0~3F	10	10	15
D014	SH GN	0~3F	26	26	26
D015	SV Pf	0~03	01	01	01
D016	SV Pf H	0~01	01	01	01
D017	SV Pf L	0~03	02	02	01
D018	SYL CON	0~3F	25	25	25
D019	SYL CONF	0~01	01	01	01
D020	SYH CON	0~3F	22	22	22
D021	SYH CONF	0~01	01	01	01
D022	SC CON	0~3F	33	33	33
D023	SC CNONF	0~01	01	01	01
D024	SPM BLC	0~3F	08	08	08
D025	SPM BLCO	0~01	01	01	01
D026	SLIM	0~3F	30	30	30
D027	SLIMONF	0~01	01	01	01
D028	SCRG	0~3F	03	03	03
D029	SRGONF	0~01	01	01	01
D030	S ONF	0~01	01	01	01
D031	pb GN	0~3F	1F	1F	1F
D032	pb Pf H	0~01	00	00	00
D033	pb Pf L	0~03	03	03	03
D034	pb CRG	0~3F	03	03	03
D035	pb CRGON	0~01	01	01	01
D036	pb ONF	0~01	01	01	01
D037	pr GN	0~3F	1F	1F	1F
D038	pr Pf H	0~01	00	00	00
D039	pr Pf L	0~03	03	03	03
D040	pr CRG	0~3F	03	03	03
D041	pr CRGON	0~01	01	01	01

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
D042	pr ONF	0~01	01	01	01
D043	ENH ONF	0~01	01	01	01
D044	(NO DISPLAY)	0~FF	00	00	00
D045	(NO DISPLAY)	0~FF	00	00	00
D046	(NO DISPLAY)	0~FF	00	00	00
D047	(NO DISPLAY)	0~FF	00	00	00
D048	(NO DISPLAY)	0~FF	00	00	00
D049	(NO DISPLAY)	0~FF	00	00	00
D050	(NO DISPLAY)	0~FF	00	00	00
D051	(NO DISPLAY)	0~FF	00	00	00
D052	(NO DISPLAY)	0~FF	00	00	00
D053	(NO DISPLAY)	0~FF	00	00	00
D054	(NO DISPLAY)	0~FF	00	00	00
D055	(NO DISPLAY)	0~FF	00	00	00
D056	(NO DISPLAY)	0~FF	00	00	00
D057	(NO DISPLAY)	0~FF	00	00	00
D058	(NO DISPLAY)	0~FF	00	00	00
D059	(NO DISPLAY)	0~FF	00	00	00
D060	(NO DISPLAY)	0~FF	00	00	00
D061	(NO DISPLAY)	0~FF	00	00	00
D062	(NO DISPLAY)	0~FF	00	00	00
D063	(NO DISPLAY)	0~FF	00	00	00
D064	(NO DISPLAY)	0~FF	00	00	00
D065	(NO DISPLAY)	0~FF	00	00	00
D066	(NO DISPLAY)	0~FF	00	00	00
D067	(NO DISPLAY)	0~FF	00	00	00
D068	(NO DISPLAY)	0~FF	00	00	00
D069	(NO DISPLAY)	0~FF	00	00	00
D070	(NO DISPLAY)	0~FF	00	00	00
D071	(NO DISPLAY)	0~FF	00	00	00
D072	(NO DISPLAY)	0~FF	00	00	00
D073	(NO DISPLAY)	0~FF	00	00	00
D074	(NO DISPLAY)	0~FF	00	00	00
D075	(NO DISPLAY)	0~FF	00	00	00
D076	(NO DISPLAY)	0~FF	00	00	00
D077	(NO DISPLAY)	0~FF	00	00	00
D078	(NO DISPLAY)	0~FF	00	00	00
D079	(NO DISPLAY)	0~FF	00	00	00
D080	(NO DISPLAY)	0~FF	00	00	00
D081	(NO DISPLAY)	0~FF	00	00	00
D082	(NO DISPLAY)	0~FF	00	00	00
D083	(NO DISPLAY)	0~FF	00	00	00
D084	(NO DISPLAY)	0~FF	00	00	00
D085	(NO DISPLAY)	0~FF	00	00	00
D086	(NO DISPLAY)	0~FF	00	00	00
D087	(NO DISPLAY)	0~FF	00	00	00
D088	(NO DISPLAY)	0~FF	00	00	00
D089	(NO DISPLAY)	0~FF	00	00	00
D090	(NO DISPLAY)	0~FF	00	00	00
D091	(NO DISPLAY)	0~FF	00	00	00
D092	(NO DISPLAY)	0~FF	00	00	00
D093	(NO DISPLAY)	0~FF	00	00	00
D094	(NO DISPLAY)	0~FF	00	00	00
D095	(NO DISPLAY)	0~FF	00	00	00
D096	(NO DISPLAY)	0~FF	00	00	00

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
D097	(NO DISPLAY)	0~FF	00	00	00
D098	(NO DISPLAY)	0~FF	00	00	00
D099	(NO DISPLAY)	0~FF	00	00	00
D100	(NO DISPLAY)	0~FF	00	00	00
D101	(NO DISPLAY)	0~FF	00	00	00
D102	(NO DISPLAY)	0~FF	00	00	00
D103	(NO DISPLAY)	0~FF	00	00	00
D104	(NO DISPLAY)	0~FF	00	00	00
D105	(NO DISPLAY)	0~FF	00	00	00
D106	(NO DISPLAY)	0~FF	00	00	00
D107	(NO DISPLAY)	0~FF	00	00	00
D108	(NO DISPLAY)	0~FF	00	00	00
D109	(NO DISPLAY)	0~FF	00	00	00
D110	(NO DISPLAY)	0~FF	00	00	00
D111	(NO DISPLAY)	0~FF	00	00	00
D112	(NO DISPLAY)	0~FF	00	00	00
D113	(NO DISPLAY)	0~FF	00	00	00
D114	(NO DISPLAY)	0~FF	00	00	00
D115	(NO DISPLAY)	0~FF	00	00	00
D116	(NO DISPLAY)	0~FF	00	00	00
D117	(NO DISPLAY)	0~FF	00	00	00
D118	(NO DISPLAY)	0~FF	00	00	00
D119	(NO DISPLAY)	0~FF	00	00	00
D120	(NO DISPLAY)	0~FF	00	00	00
D121	(NO DISPLAY)	0~FF	00	00	00
D122	(NO DISPLAY)	0~FF	00	00	00
D123	(NO DISPLAY)	0~FF	00	00	00
D124	(NO DISPLAY)	0~FF	00	00	00
D125	(NO DISPLAY)	0~FF	00	00	00
D126	(NO DISPLAY)	0~FF	00	00	00
D127	(NO DISPLAY)	0~FF	00	00	00
D128	(NO DISPLAY)	0~FF	00	00	00
D129	(NO DISPLAY)	0~FF	00	00	00
D130	(NO DISPLAY)	0~FF	00	00	00
D131	(NO DISPLAY)	0~FF	00	00	00
D132	(NO DISPLAY)	0~FF	00	00	00
D133	(NO DISPLAY)	0~FF	00	00	00
D134	(NO DISPLAY)	0~FF	00	00	00
D135	(NO DISPLAY)	0~FF	00	00	00
D136	(NO DISPLAY)	0~FF	00	00	00
D137	(NO DISPLAY)	0~FF	00	00	00
D138	(NO DISPLAY)	0~FF	00	00	00
D139	(NO DISPLAY)	0~FF	00	00	00
D140	(NO DISPLAY)	0~FF	00	00	00
D141	(NO DISPLAY)	0~FF	00	00	00
D142	(NO DISPLAY)	0~FF	00	00	00
D143	(NO DISPLAY)	0~FF	00	00	00
D144	(NO DISPLAY)	0~FF	00	00	00
D145	(NO DISPLAY)	0~FF	00	00	00
D146	(NO DISPLAY)	0~FF	00	00	00
D147	(NO DISPLAY)	0~FF	00	00	00
D148	(NO DISPLAY)	0~FF	00	00	00
D149	(NO DISPLAY)	0~FF	00	00	00
D150	(NO DISPLAY)	0~FF	00	00	00

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
D151	(NO DISPLAY)	0~FF	00	00	00
D152	(NO DISPLAY)	0~FF	00	00	00
D153	(NO DISPLAY)	0~FF	00	00	00
D154	(NO DISPLAY)	0~FF	00	00	00
D155	(NO DISPLAY)	0~FF	00	00	00
D156	(NO DISPLAY)	0~FF	00	00	00
D157	(NO DISPLAY)	0~FF	00	00	00
D158	(NO DISPLAY)	0~FF	00	00	00
D159	(NO DISPLAY)	0~FF	00	00	00
D160	(NO DISPLAY)	0~FF	00	00	00
D161	(NO DISPLAY)	0~FF	00	00	00
D162	(NO DISPLAY)	0~FF	00	00	00
D163	(NO DISPLAY)	0~FF	00	00	00
D164	(NO DISPLAY)	0~FF	00	00	00
D165	(NO DISPLAY)	0~FF	00	00	00
D166	(NO DISPLAY)	0~FF	00	00	00
D167	(NO DISPLAY)	0~FF	00	00	00
D168	(NO DISPLAY)	0~FF	00	00	00
D169	(NO DISPLAY)	0~FF	00	00	00
D170	(NO DISPLAY)	0~FF	00	00	00
D171	(NO DISPLAY)	0~FF	00	00	00
D172	(NO DISPLAY)	0~FF	00	00	00
D173	(NO DISPLAY)	0~FF	00	00	00
D174	(NO DISPLAY)	0~FF	00	00	00
D175	(NO DISPLAY)	0~FF	00	00	00
D176	(NO DISPLAY)	0~FF	00	00	00
D177	(NO DISPLAY)	0~FF	00	00	00
D178	(NO DISPLAY)	0~FF	00	00	00
D179	(NO DISPLAY)	0~FF	00	00	00
D180	(NO DISPLAY)	0~FF	00	00	00
D181	(NO DISPLAY)	0~FF	00	00	00
D182	(NO DISPLAY)	0~FF	00	00	00
D183	(NO DISPLAY)	0~FF	00	00	00
D184	(NO DISPLAY)	0~FF	00	00	00
D185	(NO DISPLAY)	0~FF	00	00	00
D186	(NO DISPLAY)	0~FF	00	00	00
D187	(NO DISPLAY)	0~FF	00	00	00

4.5.1.5 MAIN CPU SETTING

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
Z001	(NO DISPLAY)	0~0F	00	00	00
Z002	(NO DISPLAY)	0~0F	00	00	00
Z003	(NO DISPLAY)	0~0F	00	00	00
Z004	(NO DISPLAY)	0~FF	00	00	00
Z005	(NO DISPLAY)	0~FF	00	00	00
Z006	(NO DISPLAY)	0~FF	00	00	00
Z007	(NO DISPLAY)	0~FF	00	00	00
Z008	(NO DISPLAY)	0~FF	00	00	00
Z009	(NO DISPLAY)	0~FF	00	00	00
Z010	(NO DISPLAY)	0~FF	00	00	00

4.6 ADJUSTMENT PROCEDURE

Item	Measuring instrument	Test point	Adjustment part	Description
PDP POWER VOLTAGE [42V]	Signal generator	Connector CN0C4	Vs VR:170V ADJ (R9424)	CAUTION: <ul style="list-style-type: none"> During adjustment operation of PDP POWER VOLTAGE, don't touch the heat sink of the MAIN POWER PWB. If you touch it, electric shock may be caused. < When MAIN POWER PWB is not replaced > <ol style="list-style-type: none"> Connect the DC voltmeter, load resistor (1kΩ), DC power supply and switch SW1 to the CN0C4 connector and turn on the main power and switch SW1. (See Fig.2) Adjust Vs (170V ADJ) VR, Vset (160V ADJ) VR, Ve (155V ADJ) VR, Va (70V ADJ) VR and Vscan (-60V ADJ) VR so that the Vs, Vset, Ve, Va and Vscan voltage coincides with the values in the voltage label. Input a PAL all-black signal and check that it coincides with the values in the voltage label. Readjust if the adjusted value is different from those in the voltage label. NOTE: <ul style="list-style-type: none"> Designed value for the panel is printed on a label on the upper-right at the back of the PDP. (See Fig.3) < When MAIN POWER PWB is replaced > CAUTION: <ul style="list-style-type: none"> Before making adjustments, be sure not to turn on the power when the CN8002, CN8003, CN8005, CN8006 and CN8008 connectors are connected, as this may cause the PDP to break down. <ol style="list-style-type: none"> Disconnect the CN8002, CN8003, CN8005, CN8006 and CN8008 connectors on the MAIN POWER PWB. Connect the DC voltmeter, load resistor (1kΩ), DC power supply and switch SW1 to the CN0C4 connector and turn on the main power and switch SW1. (See Fig.2) Adjust Vs (170V ADJ) VR, Vset (160V ADJ) VR, Ve (155V ADJ) VR, Va (70V ADJ) VR and Vscan (-60V ADJ) VR so that the Vs, Vset, Ve, Va and Vscan voltage coincides with the values in the voltage label. Turn off the main power and switch SW1, and connect the CN8002, CN8003, CN8005, CN8006 and CN8008 connectors and turn on the power again. Input a PAL all-black signal and check that it coincides with the values in the voltage label. If the adjusted value is different from those in the voltage label, fine-tune without unplugging the connectors. CAUTION: <ul style="list-style-type: none"> Designated power supply voltage of the panel (Vs, Vset, Ve, Va, Vscan) varies according to the PDP unit. Pay careful attention during adjustment, as any error in procedure may cause the PDP to break down.
	DC voltmeter	Vs	Vset VR:160V ADJ (R9640)	
	Resistor (1kΩ)	Vset	Ve VR:155V ADJ (R9646)	
	DC power supply	Ve	Va VR:70V ADJ (R9219)	
		Va	Vscan VR:-60V ADJ (R9628)	
		Vscan	[MAIN POWER PWB]	

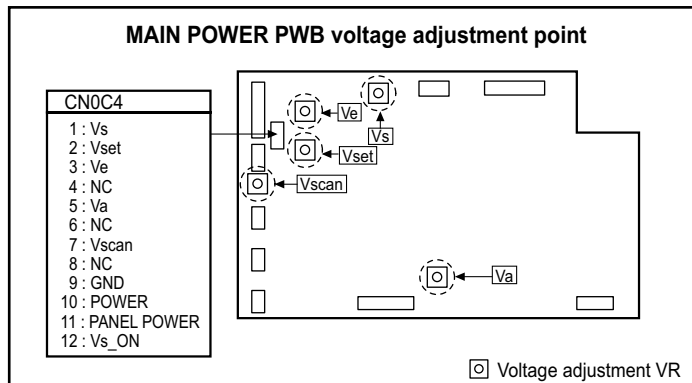


Fig. 1

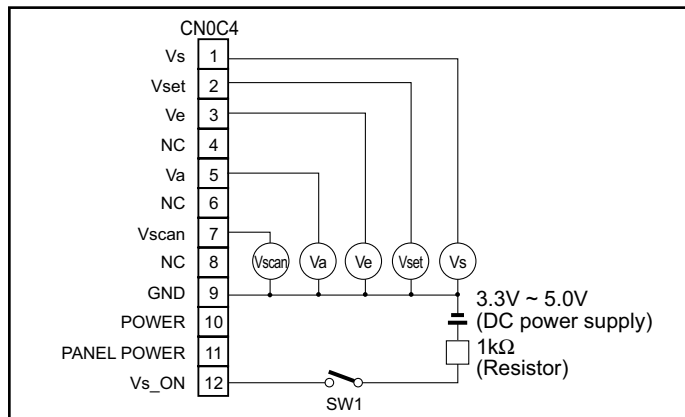


Fig. 2

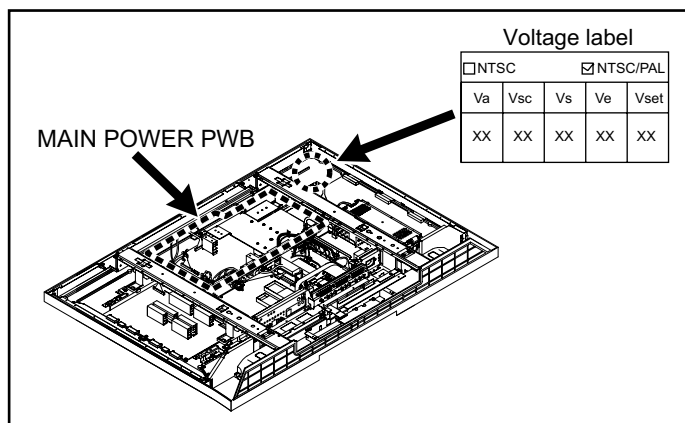


Fig. 3

Item	Measuring instrument	Test point	Adjustment part	Description
PDP POWER VOLTAGE [35V]	Signal generator DC voltmeter	Connector CN0C4 Vs Va(Vd) [MAIN POWER UNIT]	Vs VR:190V ADJ (R1551) Va VR:60V ADJ (R1451) [MAIN POWER UNIT]	<p>CAUTION:</p> <ul style="list-style-type: none"> During adjustment operation of PDP POWER VOLTAGE, don't touch the heat sink of the MAIN POWER UNIT. If you touch it, electric shock may be caused. <p>< When MAIN POWER UNIT is not replaced ></p> <ol style="list-style-type: none"> Connect the DC voltmeter to the CN0C4 connector and turn on the power. (See Fig.5) Adjust Vs (190V ADJ) VR and Va (60V ADJ) VR so that the Vs and Va voltage coincides with the values in the voltage label. Input a PAL all-black signal and check that it coincides with the values in the voltage label. Readjust if the adjusted value is different from those in the voltage label. <p>NOTE:</p> <ul style="list-style-type: none"> Designed value for the panel is printed on a label on the upper-left at the back of the PDP. (See Fig.6) <p>< When MAIN POWER UNIT is replaced ></p> <p>CAUTION:</p> <ul style="list-style-type: none"> Before making adjustments, be sure not to turn on the power when the CN8003 and CN8005 connectors are connected, as this may cause the PDP to break down. <ol style="list-style-type: none"> Disconnect the CN8003 and CN8005 connectors on the MAIN POWER UNIT. Connect DC voltmeter to the CN0C4 connector and turn on the power. (See Fig.5) Adjust Vs (190V ADJ) VR and Va (70V ADJ) VR so that the Vs and Va voltage coincides with the values in the voltage label. Turn off the power, and connect the CN8003 and CN8005 connectors and turn on the power again. Input a PAL all-black signal and check that it coincides with the values in the voltage label. If the adjusted value is different from those in the voltage label, fine-tune without unplugging the connectors. <p>CAUTION:</p> <ul style="list-style-type: none"> Designated power supply voltage of the panel (Vs, Va) varies according to the PDP unit. Pay careful attention during adjustment, as any error in procedure may cause the PDP to break down.

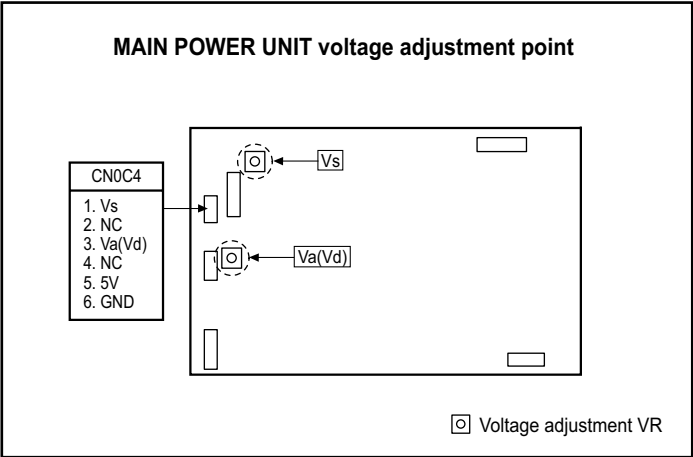


Fig. 4

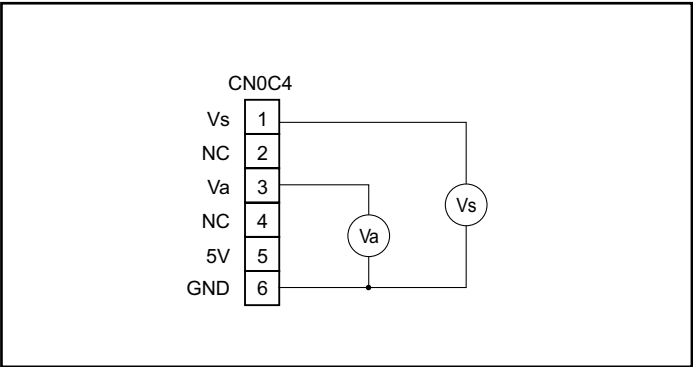


Fig. 5

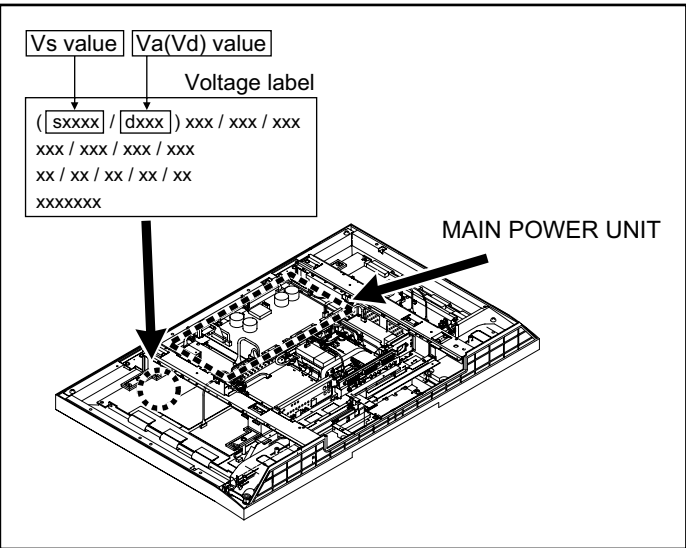
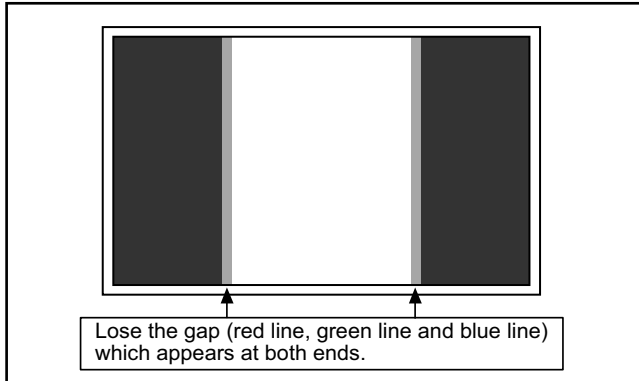
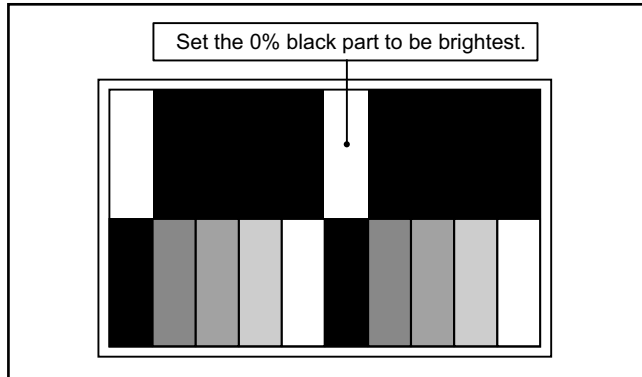
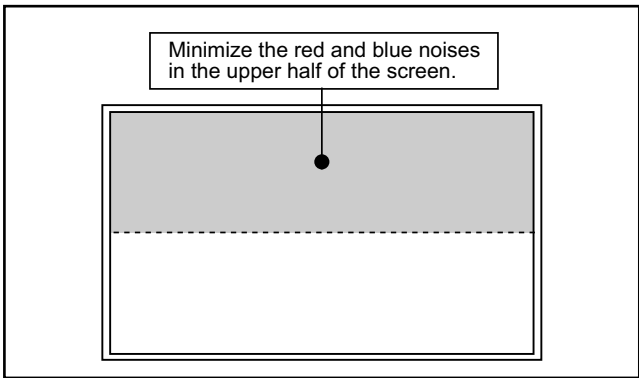
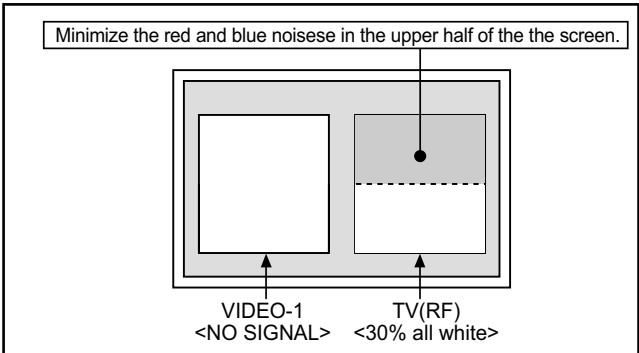


Fig. 6

Item	Measuring instrument	Test point	Adjustment part	Description
625i A-D OFFSET	Remote control unit		[1.ADJUST] S001:PREPARE (adjustment setting mode change)	<ol style="list-style-type: none">(1) Receive a 625i component ramp pattern signal.(2) Set PICTURE MODE to "STANDARD".(3) Select "1.ADFJUST" from the SERVICE MENU.(4) Set < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set "133".(5) Set < S001 >(adjustment setting mode change) to set "008" and it change to the 625i A-D offset adjustment setting mode.(6) Set < S008 > (625i blue offset) and < S009 > (625i red offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the center of the screen. (See Fig.7)(7) Set < S001 > to set "000" and it change to the normal mode.(8) Press the [MUTING] key to memorize the set value.
	Signal generator		S008:5i CB OF (625i blue offset) S009:5i CR OF (625i red offset) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	
<div></div> <p style="text-align: center;">Fig. 7</p>				
1125i BRIGHTNESS	Remote control unit		[1.ADJUST] S001:PREPARE (adjustment setting mode change)	<ol style="list-style-type: none">(1) Receive a 1125i (50 Hz) gray scale pattern signal (including 0% black signal).(2) Set PICTURE MODE to "STANDARD".(3) Select "1.ADFJUST" from the SERVICE MENU.(4) Set < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set "133".(5) Set < S001 > (adjustment setting mode change) to set the values "012" and it change to the 1125i black level adjustment setting mode.(6) Set < S012 > (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest. (See Fig.8)(7) Set < S001 > to set "000" and it change to the normal mode.(8) Press the [MUTING] key to memorize the set value.
	Signal generator		S012:HD BL (1125i brightness) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	
<div><div>Set the 0% black part to be brightest.</div></div> <p style="text-align: center;">Fig.8</p>				

Item	Measuring instrument	Test point	Adjustment part	Description
1125i A-D OFFSET	Remote control unit		[1. ADJUST] S001:PREPARE (adjustment setting mode change) S013:HD CB OF (1125i blue offset) S014:HD CR OF (1125i res offset) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Receive a 1125i (50 Hz) 30% all-white pattern signal. (2) Set PICTURE MODE to "STANDARD". (3) Select "1.ADFJUST" from the SERVICE MENU. (4) Set < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set "133". (5) Set < S001 > (adjustment setting mode change) to set "013" and it change to the 1125i A-D offset adjustment setting mode. (6) Set < S013 > (1125i blue offset) to minimize the blue noise in the upper half of the screen. (See Fig.9) (7) Set < S014 > (1125i red offset) to minimize the red noise in the upper half of the screen. (See Fig.9) (8) Readjust < S013 > and < S014 > to set the upper half of the screen to be the blackest. (See Fig.9) (9) Set < S001 > to set "000" and it change to the normal mode. (10) Press the [MUTING] key to memorize the set value.
	Signal generator			 <p style="text-align: center;">Fig. 9</p>
SUB-SCREEN A-D OFFSET	Remote control unit		[1. ADJUST] S001:PREPARE (adjustment setting mode change) S016:RT CB OF (Sub screen blue offset) S017:RT CR OF (Sub screen red offset) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Set PICTURE MODE to "STANDARD". (2) Set MULTI-PICTURE to "TWIN-PICTURE". (3) Receive a PAL 30% - all white pattern signal on the right screen. At this time, make the left screen VIDEO-1 mode (No signal). (4) Select "1.ADFJUST" from the SERVICE MENU. (5) Set < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set "133". (6) Set < S001 > (adjustment setting mode change) to set "017" and it change to the sub-screen A-D offset adjustment setting mode. (7) Set < S016 > (Sub-screen blue offset) to minimize the blue noise in the upper half of the screen. (See Fig.10) NOTE: • If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode. (8) Set < S017 > (Sub-screen red offset) to minimize the red noise in the upper half of the screen. (See Fig.10) (9) Readjust < S016 > and < S017 > to set the upper half of the screen to be the blackest. (See Fig.10) (10) Set < S001 > to set "000" and it change to the normal mode. (11) Press the [MUTING] key to memorize the set value.
	Signal generator			 <p style="text-align: center;">Fig. 10</p>

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (HIGH LIGHT)	Remote control unit Signal generator		[1.ADJUST] S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	<p>(1) Receive a PAL 75% all-white pattern signal. (2) Set PICTURE MODE to "STANDARD". (3) Set COLOUR TEMPERATURE to "NORMAL". (4) Select "1.ADFJUST" from the SERVICE MENU. (5) Keep one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout.</p> <p>NOTE:</p> <ul style="list-style-type: none"> • Set one or more of < S030 >, < S031 > and < S032 > to set values "133". <p>(6) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (7) Press the [MUTING] key to memorize the set value.</p>

SECTION 5 TROUBLESHOOTING

5.1 SELF-CHECK FEATURE

5.1.1 OUTLINE

This model has a "Self-check function", which checks the operation state of the circuits and informs us of a failure by flashing POWER LED when a failure occurs.

Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.

Failure detection is based on input state of I²C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF-CHECK MODE

- (1) Press the [DISPLAY] key and the [MUTING] key simultaneously, then the SERVICE MENU screen will be displayed. (See Fig.1)
- (2) In the SERVICE MENU, press the [2] key. Then, the SELF-CHECK screen will be displayed. (See Fig.2)
- (3) Press the [ZOOM (red)] key, then the second page of the SELF-CHECK screen will be displayed.

NOTE:

- When the [CINEMA (green)] key pressed, the first page and the second page change screen.

5.1.3 HOW TO EXIT THE SELF-CHECK

- (1) **When you leave the failure history**
Press the [MENU] key to exit the SELF-CHECK.
- (2) **When you not leave the failure history**
In the SELF-CHECK, press the [POWER] key. Then the power is turned off.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF-CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be ignored as "Abnormal" and displayed and counted as "NG".

- (1) Temporary defective transmissions across circuits due to pulse interruptions.
- (2) Misalignment in the on/off timing of power for I²C bus (Vcc) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start self-check only after 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new self-check results.

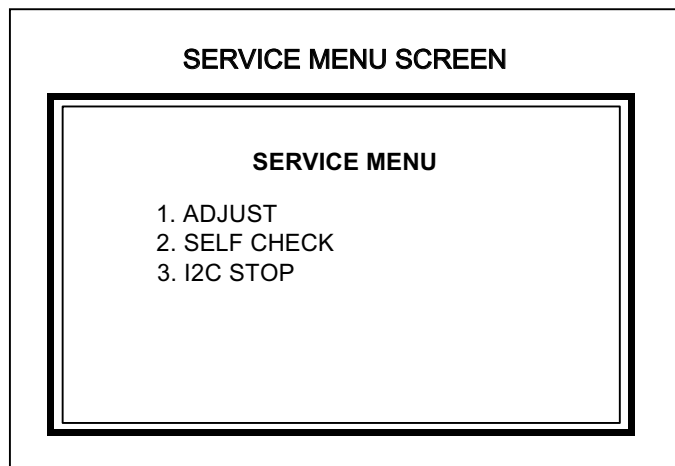


Fig. 1

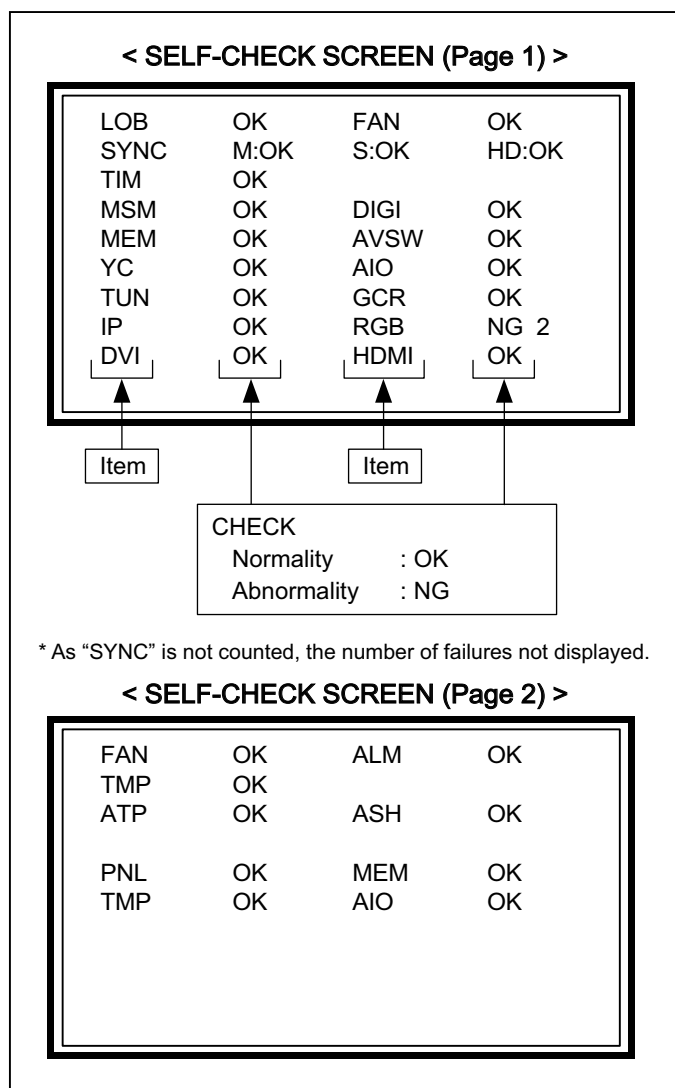


Fig. 2

5.1.6 DETAILS

Self- check is performed for the following items.

< PAGE 1 OF SCREEN >

Detection item	Item name	Detection content	Detection signal (line)	Detection timing
Low bias line short protection	LOB	Confirm the operation of the low bias (2.5V / 3.3V / 5V / 9V) protection circuit. Q9822 [REGULATOR PWB]	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms, the power is turned off.
Fan lock	FAN	Not used.	---	Not used.
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal IC201 [ANALOG SIGNAL PWB]	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.	---	Not used.
Main CPU communication	MSM	Confirmation of ACK (response) signal which uses sync communications with chassis CPU. IC7501 [DIGITAL SIGNAL PWB]	WAKE	If it checks whenever sync communication with SHM performed, and no reply of ACK signal, an error will be counted.
Digital tuner	DIGI	Not used.	---	Not used.
Main memory	MEM	Confirmation of reply of ACK signal which uses I ² C communication. IC7602 [DIGITAL SIGNAL PWB]	SDA	If it checks whenever I ² C communication is performed, and no reply of ACK signal, an error will be counted.
AV select	AVSW	Same as above. IC301, IC501 [ANALOG SIGNAL PWB]	SDA	Same as above.
3 dimensions YC separation	YC	Same as above. IC1001 [DIGITAL SIGNAL PWB]	SDA	Same as above.
Multi sound process	AIO	Same as above. IC3501 [RECEIVER PWB]	SDA	Same as above.
RF tuner	TUN	Same as above. IC3001 [RECEIVER PWB]	SDA	Same as above.
Ghost reduction	GCR	Not used.	---	Not used.
DIST process	IP	Confirmation of reply of ACK signal which uses I ² C communication. IC3001 [DIGITAL SIGNAL PWB]	SDA	If it checks whenever I ² C communication is performed, and no reply of ACK signal, an error will be counted.
RGB process	RGB	Same as above. IC4001 [DIGITAL SIGNAL PWB]	SDA	Same as above.
DVI (Digital communication)	DVI	Not used.	---	Not used.
Digital input	HDMI	Not used.	---	Not used.

< PAGE 2 OF SCREEN >

Detection item	Item name	Detection content	Detection signal (line)	Detection timing
Fan lock	FAN	Not used.	---	Not used.
Abnormal of operation of PDP (PANEL)	ALM	Confirm the operation of the panel protection. [PDP UNIT]	SDA	Detection starts 8 seconds after the power is turned on. Detection is performed every 16ms. If errors continues between 300ms, the power is turned off.
Abnormal rise of temperature in PDP (PANEL)	TMP	It detects whether the temperature in a display unit is normal. IC8101 [TEMP. SENSOR PWB]	SDA	Detection starts 8 seconds after the power is turned on. Detection is performed every 0.5 seconds. If a temperature rises beyond the temperature of 71°C for detection of error over the predetermined 120 times, the power is turned off.
Abnormal rise of temperature in AUDIO PWB	ATP	Not used	---	Not used
Short circuit detection of AUDIO PWB	ASH	Not used.	---	Not used.
Panel communication	PNL	It confirm whether panel communication is normal. [PDP UNIT]	SDA	If it checks whenever I ² C communication is performed, and no reply of ACK signal, an error will be counted.
Panel memory	MEM	Confirmation of reply of ACK signal which uses I ² C communication. IC805 [INTERFACE PWB]	SDA	If it checks whenever I ² C communication is performed, and no reply of ACK signal, an error will be counted.
Temp. sensor operation	TMP	Same as above. IC8101 [TEMP. SENSOR PWB]	SDA	Same as above.
Audio control	AIO	Same as above. IC6521 [AUDIO PWB]	SDA	Same as above.

5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

Type of error	Item name	POWER LED flash cycle
Low bias line short	LOB	Low luminance blue Flash 1.0 second / Low luminance blue Out 1.0 seconds
Abnormal of operation of PDP (PANEL)	ALM	High luminance blue Flash 1.0 second / High luminance blue Out 1.0 seconds
Abnormal rise of temperature in PDP (PANEL)	TMP	High luminance blue Flash 2.0 second / High luminance blue Out 2.0 seconds
Abnormal rise of temperature in AUDIO PWB	ATP	High luminance blue Flash 0.1 second / Low luminance blue Out 0.1 seconds

< EXPLANATION OF OPERATION >

If error is detected, the power is turned off.

Shortly after a power is turned off, POWER LED will be blinked.

Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.



Victor Company of Japan, Limited

AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

(No. YA101)



Printed in Japan
WPC

JVC

SCHEMATIC DIAGRAMS

PDP COLOUR TELEVISION

PD-Z35DV4, PD-Z35DV4/s
PD-Z42DV4, PD-Z42DV4/s

CD-ROM No. SML200408



BASIC CHASSIS

FP2

D.I.S.T.
Digital Image Scaling Technology

**CINEMA
SURROUND**

BBE

PD-Z35DV4, PD-Z35DV4/s, PD-Z42DV4, PD-Z42DV4/s STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1. SAFETY

The components identified by the Δ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2. SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1) Input signal : Colour bar signal
- (2) Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3) Internal resistance of tester : DC 20k Ω /V
- (4) Oscilloscope sweeping time : H \Rightarrow 20 μ s/div
: V \Rightarrow 5ms/div
: Others \Rightarrow Sweeping time is specified
- (5) Voltage values : All DC voltage values

*Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3. INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 \rightarrow R209

4. INDICATIONS ON THE CIRCUIT DIAGRAM

(1) Resistors

● Resistance value

- No unit : [Ω]
- k : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

*Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2) Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- AC indicated : AC withstand voltage [V]
- Others : DC withstand voltage [V]

*Electrolytic Capacitors

47/50[Example] : Capacitance value [μ F]/withstand voltage[V]





● Type

- No indication : Ceramic capacitor
- MY : Mylar capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3) Coils



- No unit : [μ H]
- Others : As specified

(4) Power Supply



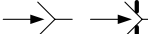
-  : B1
-  : B2(12V)
-  : 9V
-  : 5V

*Respective voltage values are indicated





(5) Test point

-  : Test point
-  : Only test point display



(6) Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7) Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5. NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED (NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED (NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2) Do not short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND at the same time with a measuring apparatus (oscilloscope, etc.). If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

- ◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.
When ordering parts, please use the numbers that appear in the Parts List.

CONTENTS

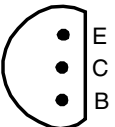

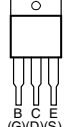

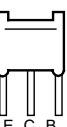
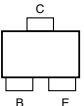
USING P.W. BOARD	2-3
SEMICONDUCTOR SHAPES	2-3
WIRING & MAIN PARTS LOCATION	2-5
BLOCK DIAGRAM	2-9
CIRCUIT DIAGRAMS	
RECEIVER PWB CIRCUIT DIAGRAM	2-11
ANALOG SIGNAL PWB CIRCUIT DIAGRAM	2-13
AV JACK PWB CIRCUIT DIAGRAM	2-23
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM	2-25
INTERFACE PWB CIRCUIT DIAGRAM	2-47
AUDIO PWB CIRCUIT DIAGRAM	2-51
FRONT CONTROL PWB CIRCUIT DIAGRAM	2-53
FRONT LED PWB CIRCUIT DIAGRAM	2-55
TEMP. SENSOR PWB CIRCUIT DIAGRAM	2-56
REGULATOR PWB CIRCUIT DIAGRAM	2-57
LINE FILTER PWB CIRCUIT DIAGRAM	2-59
MAIN POWER PWB CIRCUIT DIAGRAM [PD-Z42DV4, PD-Z42DV4/S]	2-61
SUB POWER PWB CIRCUIT DIAGRAM	2-67
PATTERN DIAGRAMS	
RECEIVER PWB PATTERN	2-69
ANALOG SIGNAL MAIN PWB PATTERN	2-71
AV JACK PWB PATTERN	2-73
DIGITAL SIGNAL PWB PATTERN	2-75
INTERFACE PWB PATTERN	2-79
AUDIO PWB PATTERN	2-80
FRONT CONTROL PWB PATTERN	2-81
TEMP. SENSOR PWB PATTERN	2-82
FRONT LED PWB PATTERN	2-82
REGULOTOR PWB PATTERN	2-83
LINE FILTER PWB PATTERN	2-85
SUB POWER PWB PATTERN	2-86
MAIN POWER PWB PATTERN [PD-Z42DV4, PD-Z42DV4/S]	2-87
VOLTAGE CHART	2-91
WAVEFORMS	2-94

USING P.W. BOARD


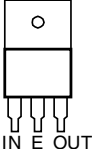
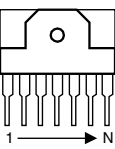
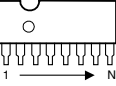
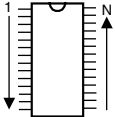
PWB NAME	PD-Z42DV4	PD-Z42DV4/S
RECEIVER P.W. BOARD	LCA10476-01C (SFP-0F301A)	←
ANALOG SIGNAL P.W. BOARD	LCA10423-06B (SFP-0A301A)	←
AV JACK P.W. BOARD	LCA10445-02B (SFP-0J301A)	←
DIGITAL SIGNAL P.W. BOARD	LCA10428-08F (SFP-0D301A)	LCA10428-09F (SFP-0D302A)
INTERFACE P.W. BOARD	LCA10424-06C (SFP-7301A)	LCA10424-07C (SFP-7302A)
AUDIO P.W. BOARD	LCA10420-03C (SFP-6003A)	←
FRONT CONTROL P.W. BORAD	LCA10446-01D1 (SFP-8201A)	←
FRONT LED P.W. BOARD	LCA10446-01D2 (SFP-8202A)	←
TEMP. SENSOR P.W. BOARD	LCA10446-01D3 (SFP-0T201A)	←
REGULATOR P.W. BOARD	LCA10426-01B (SFP-9203A)	←
LINE FILTER P.W. BOARD	LCA10427-06A (SFP-9303A)	←
MAIN POWER P.W. BOARD	LCA10453-05B (SFP-9301A)	←
SUB POWER P.W. BOARD	LCA10422-02C (SFP-9104A)	←

PWB NAME	PD-Z35DV4	PD-Z35DV4/S
RECEIVER P.W. BOARD	LCA10476-01C (SFP-0F301A)	←
ANALOG SIGNAL P.W. BOARD	LCA10423-06B (SFP-0A301A)	←
AV JACK P.W. BOARD	LCA10445-02B (SFP-0J301A)	←
DIGITAL SIGNAL P.W. BOARD	LCA10428-11F (SFP-0D304A)	LCA10428-12F (SFP-0D305A)
INTERFACE P.W. BOARD	LCA10424-09C (SFP-7304A)	LCA10424-10C (SFP-7305A)
AUDIO P.W. BOARD	LCA10420-07C (SFP-6007A)	←
FRONT CONTROL P.W. BORAD	LCA10446-01D1 (SFP-8201A)	←
FRONT LED P.W. BOARD	LCA10446-01D2 (SFP-8202A)	←
TEMP. SENSOR P.W. BOARD	LCA10446-01D3 (SFP-0T201A)	←
REGULATOR P.W. BOARD	LCA10426-01B (SFP-9203A)	←
LINE FILTER P.W. BOARD	LCA10427-07A (SFP-9304A)	←
MAIN POWER P.W. BOARD	---	---
SUB POWER P.W. BOARD	LCA10422-02C (SFP-9104A)	←

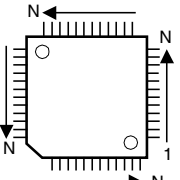
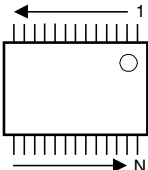
SEMICONDUCTOR SHAPES

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

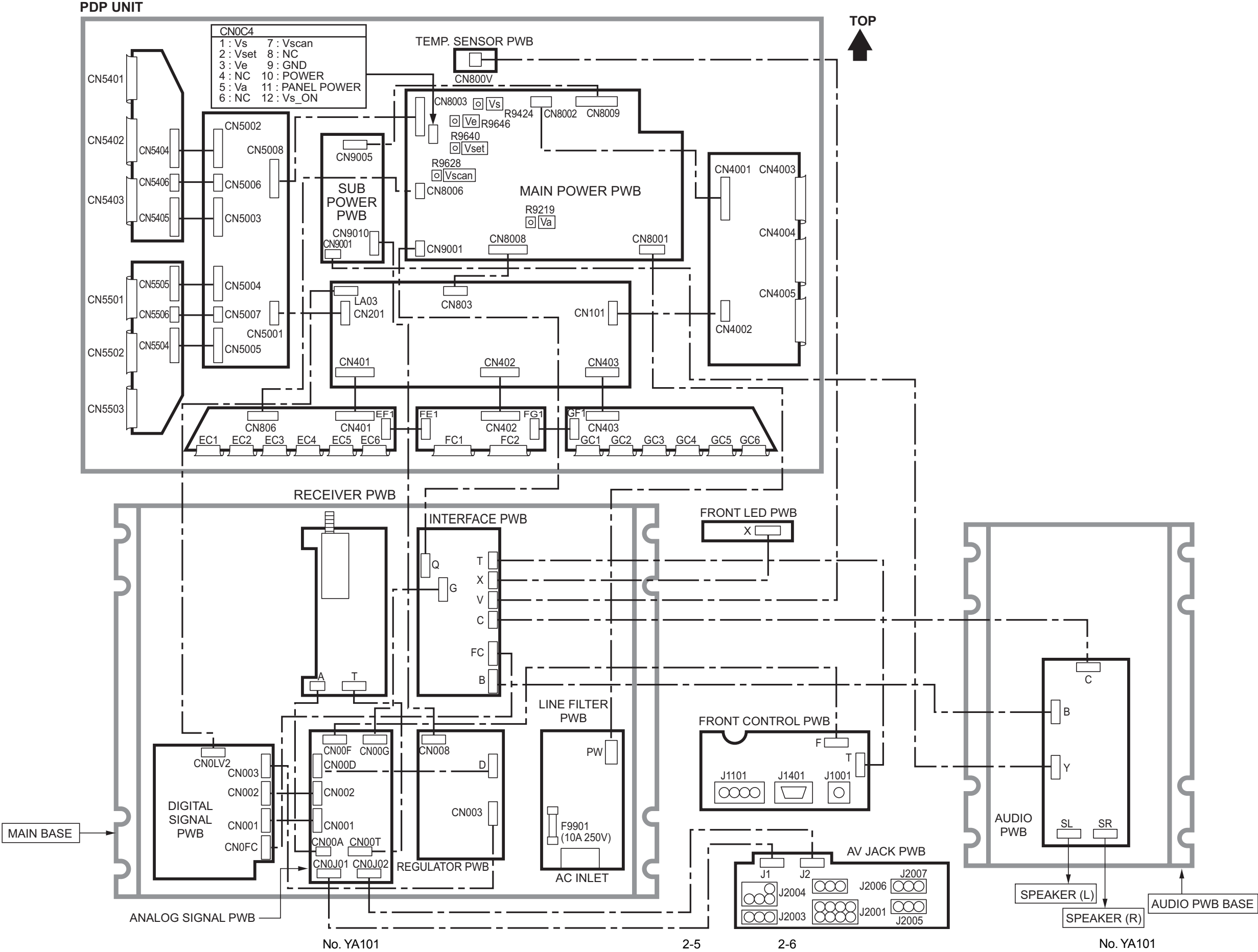
IC

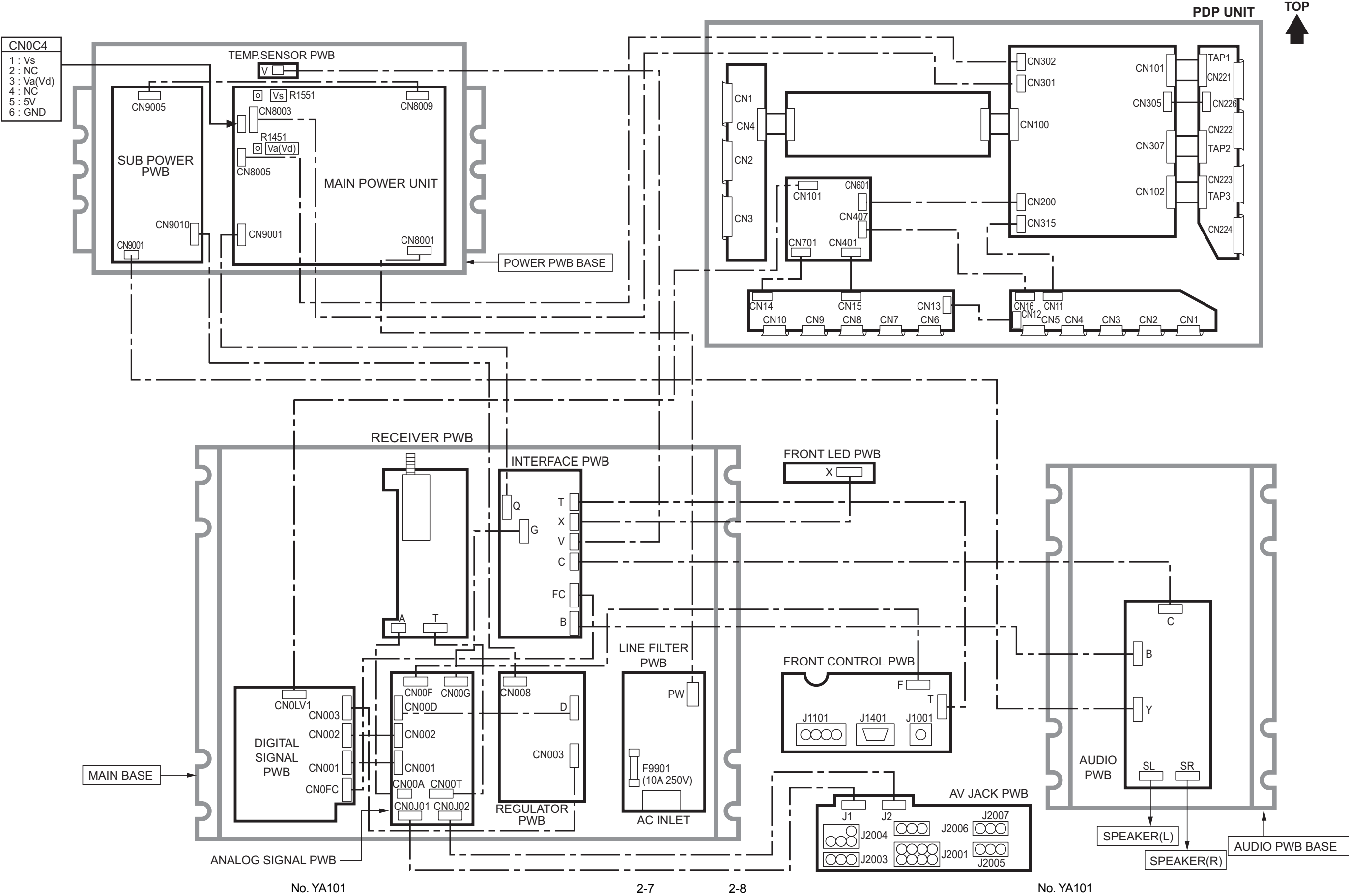
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

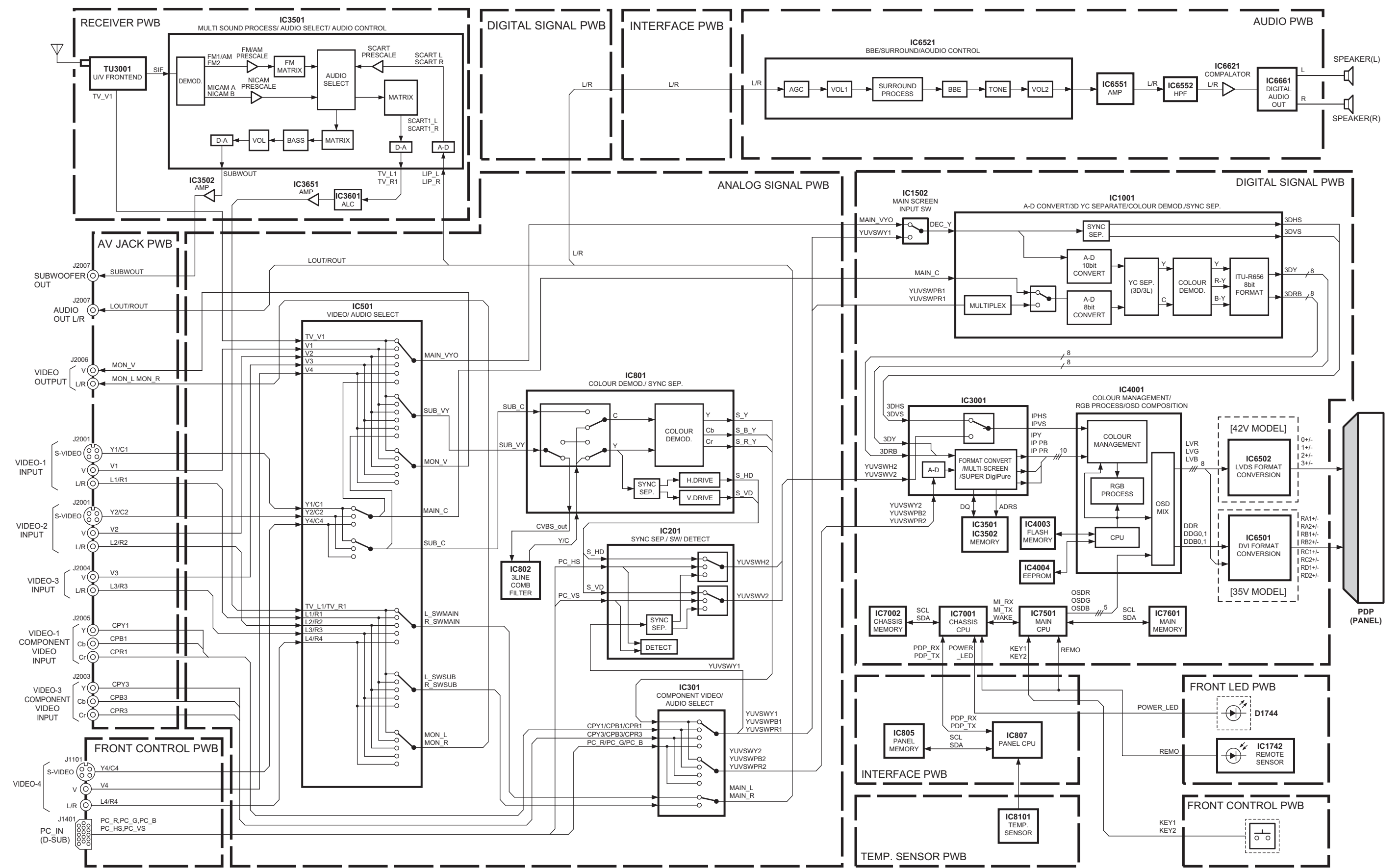
TOP VIEW		
		

WIRING & MAIN PARTS LOCATION
[PD-Z42DV4, PD-Z42DV4/S]

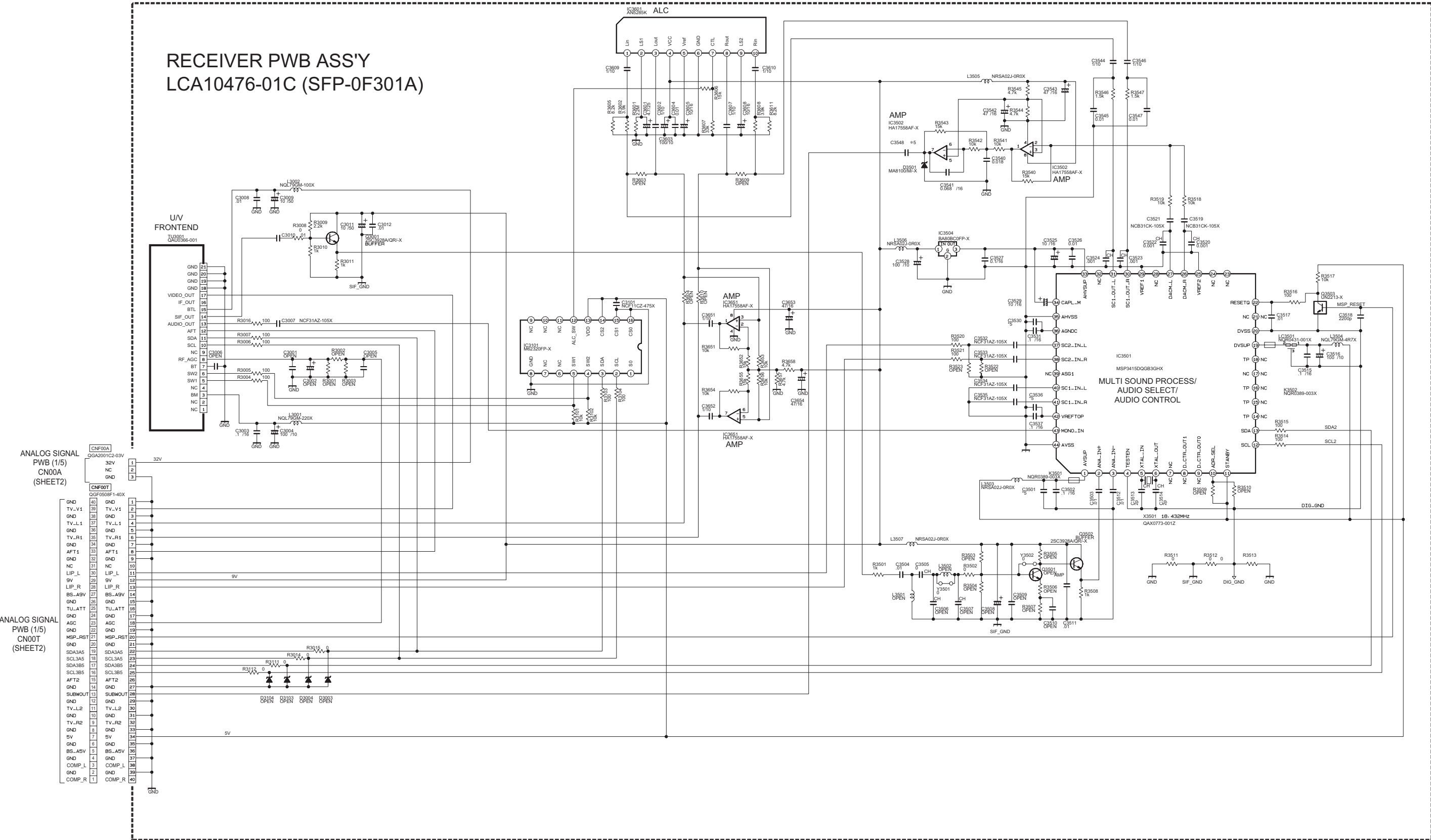




BLOCK DIAGRAM



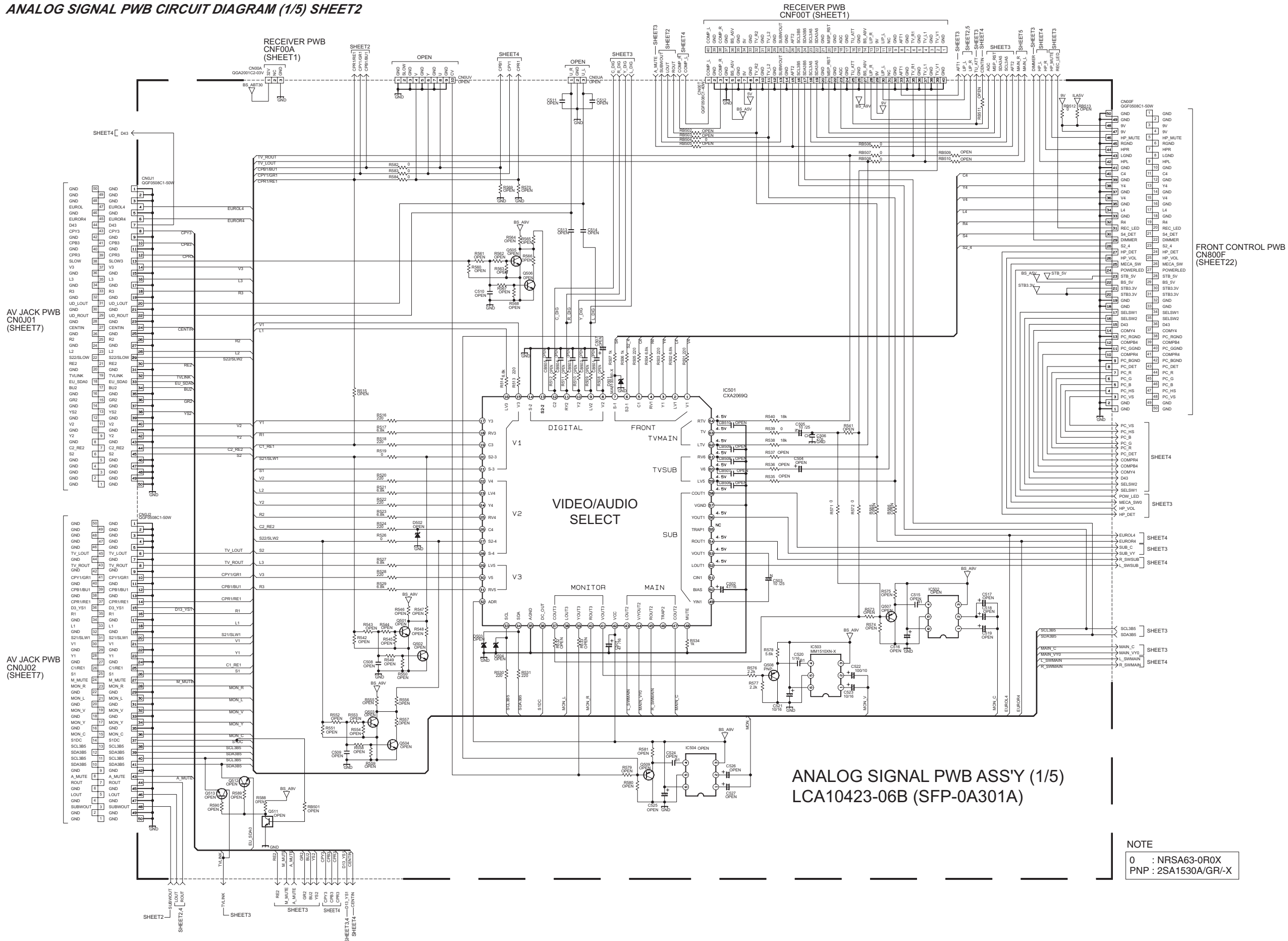
CIRCUIT DIAGRAMS
RECEIVER PWB CIRCUIT DIAGRAM SHEET1



NOTE

0 : NRSA63J-0R0X
*5 : NCB11AK-106X

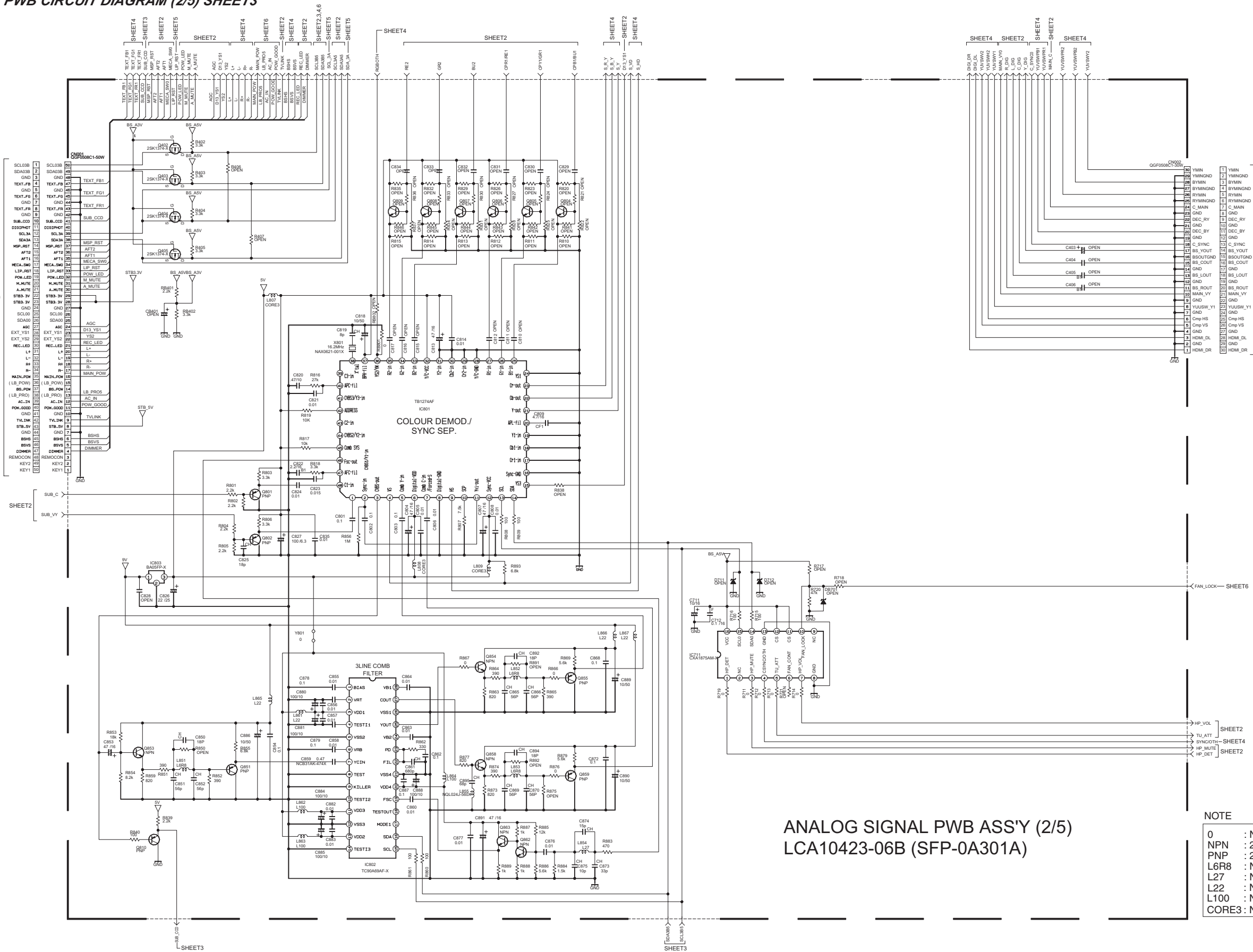
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET2



NOTES) 1. Please refer to page 2-91 for voltages of this circuit diagram.
2. Please refer to page 2-94 for waveforms of this circuit diagram.

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET3

DIGITAL SIGNAL PWB (10/11)
CN001 (SHEET17)



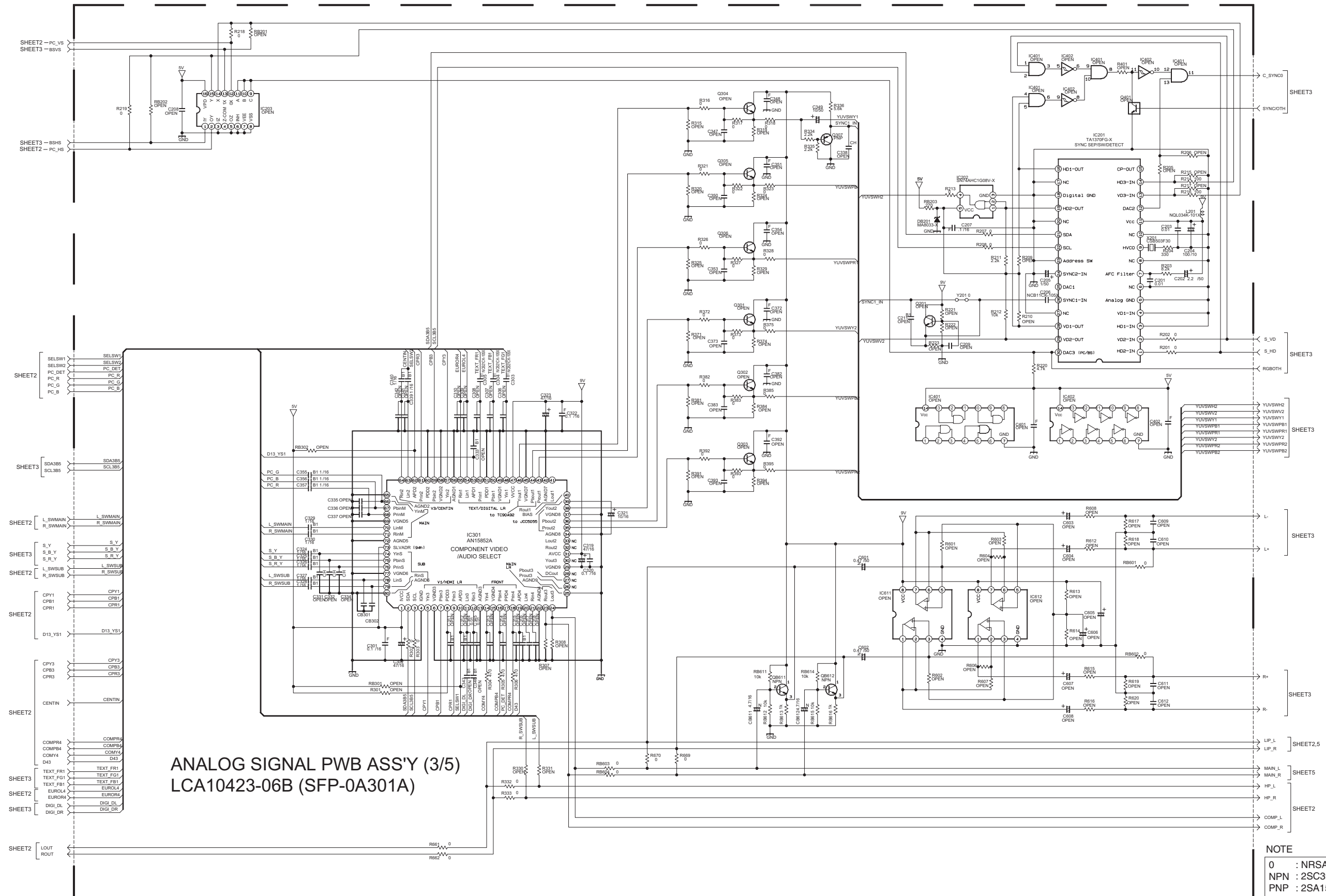
DIGITAL SIGNAL PWB (11/11)
CN002 (SHEET18)

ANALOG SIGNAL PWB ASS'Y (2/5)
LCA10423-06B (SFP-0A301A)

NOTE

- 0 : NRSA63-0R0X
- NPN : 2SC3928A/QR-X
- PNP : 2SA1530A/QR-X
- L6R8 : NQL092K-6R8X
- L27 : NQL092M-270X
- L22 : NQL914M-220X
- L100 : NQL914K-101X
- CORE3 : NQR0413-003X

NOTES) 1. Please refer to page 2-91 for voltages of this circuit diagram.
2. Please refer to page 2-94 for waveforms of this circuit diagram.



NOTES) 1. Please refer to page 2-91 for voltages of this circuit diagram.
2. Please refer to page 2-94 for waveforms of this circuit diagram.

All parts in this circuit diagram are not used.

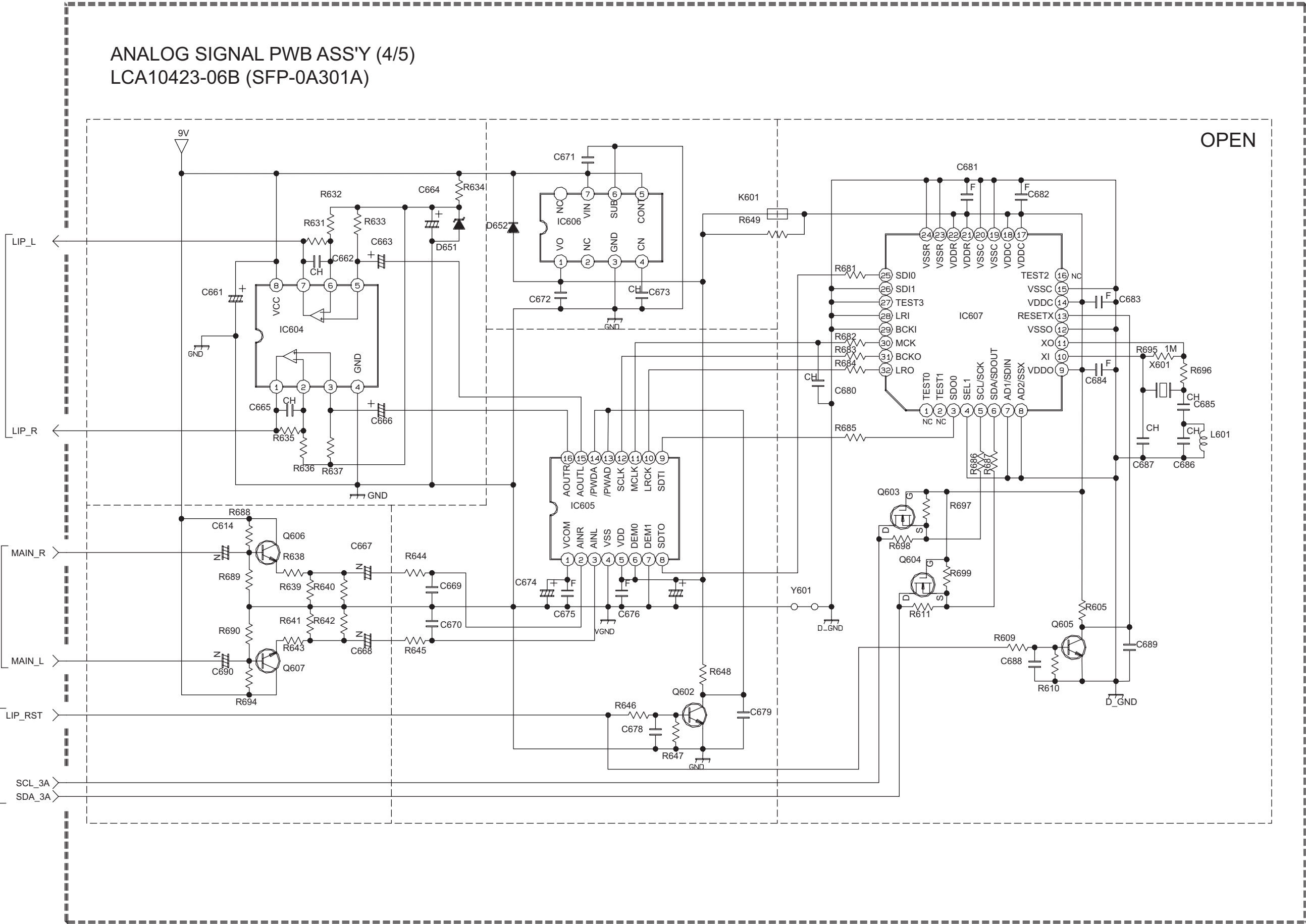
ANALOG SIGNAL PWB ASS'Y (4/5)
LCA10423-06B (SFP-0A301A)

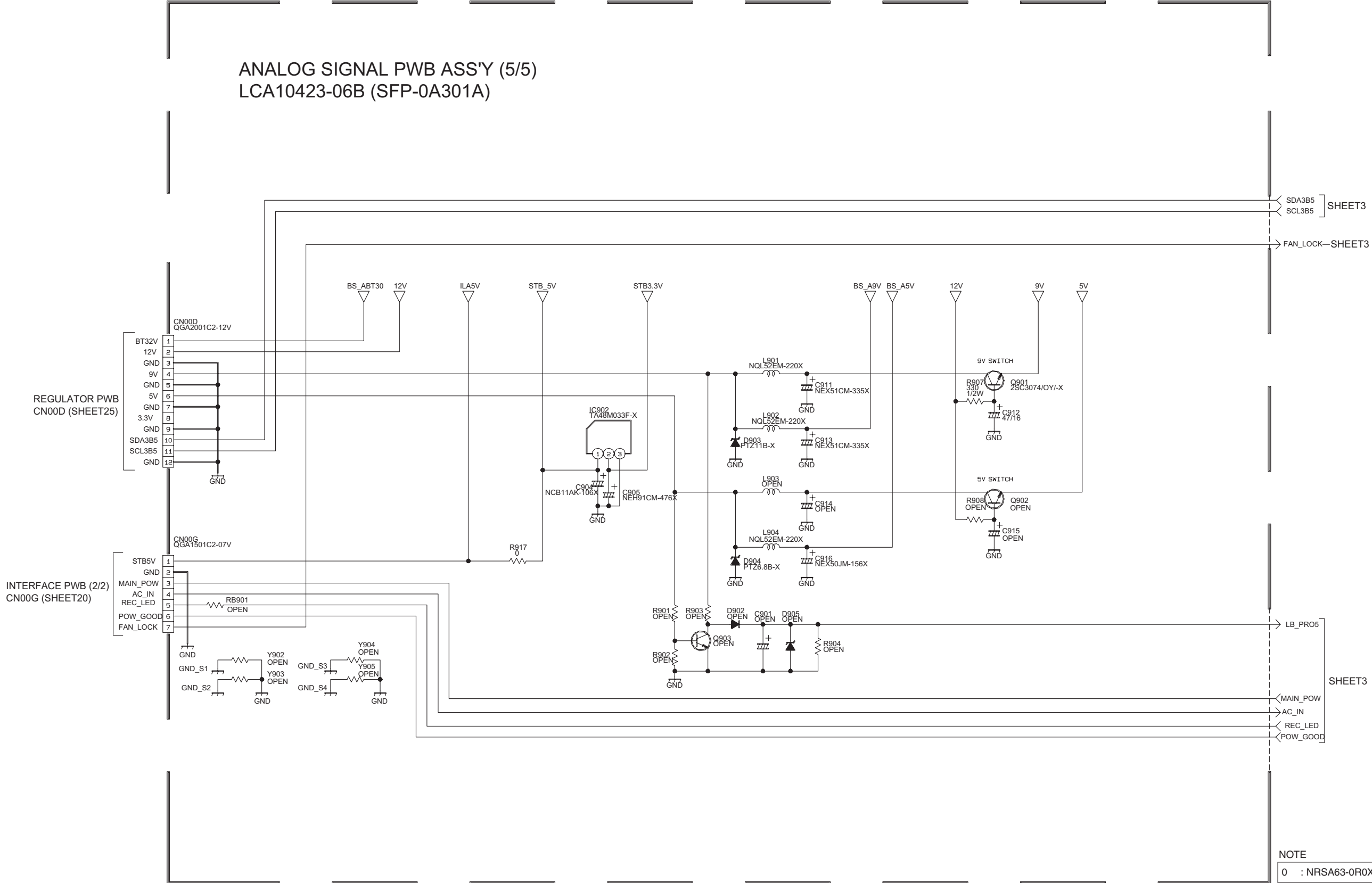
OPEN

SHEET2,4

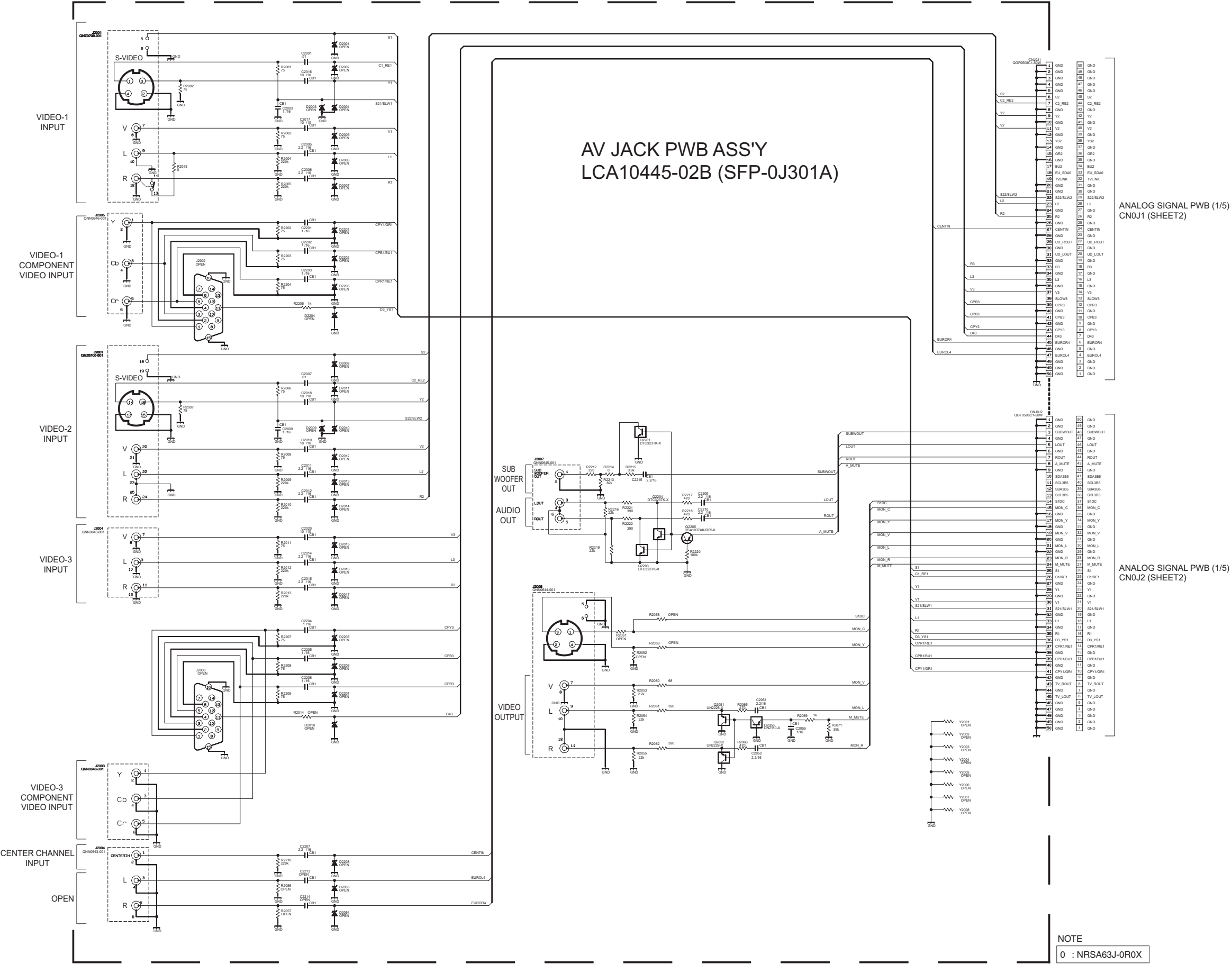
SHEET2,4

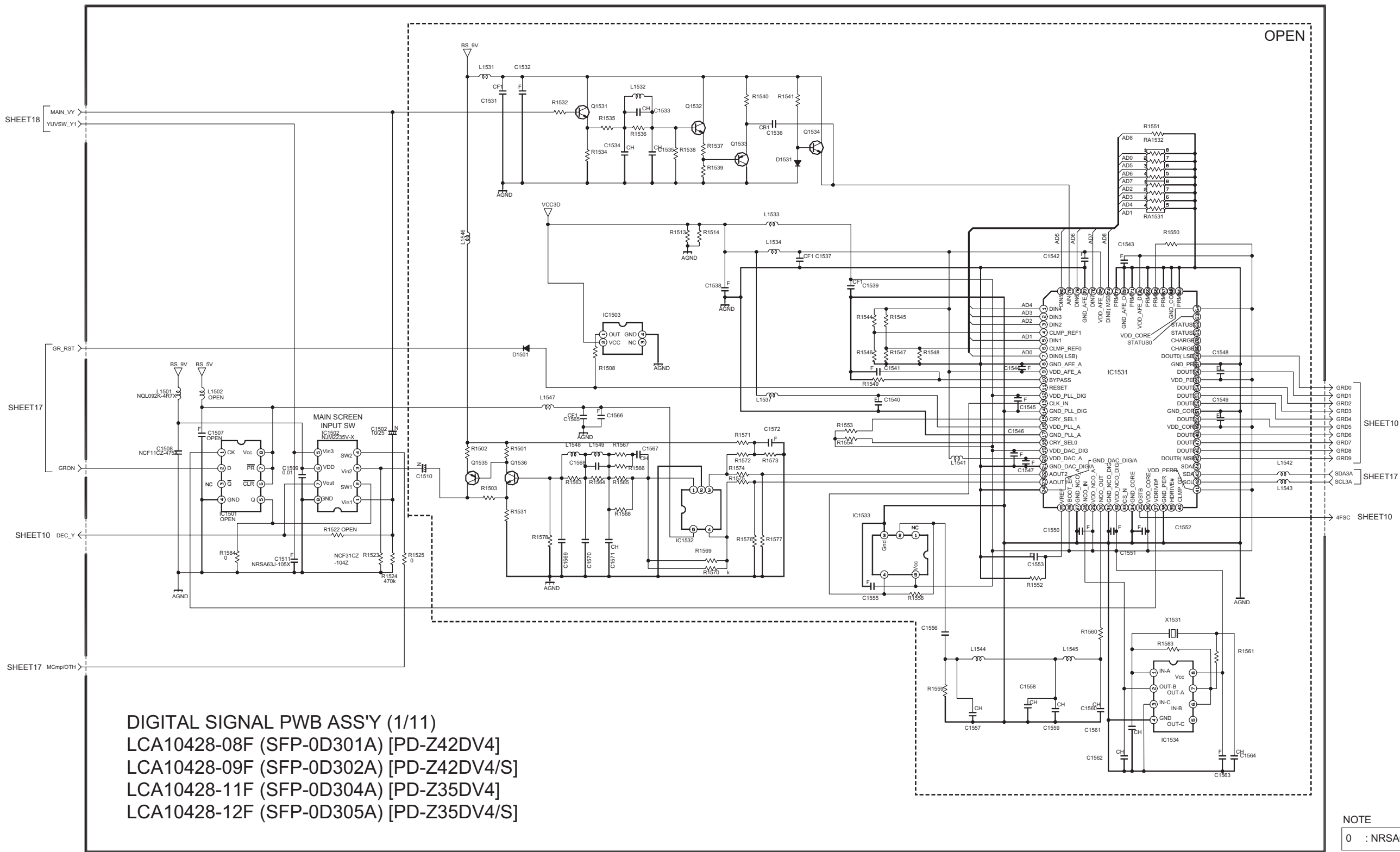
SHEET3





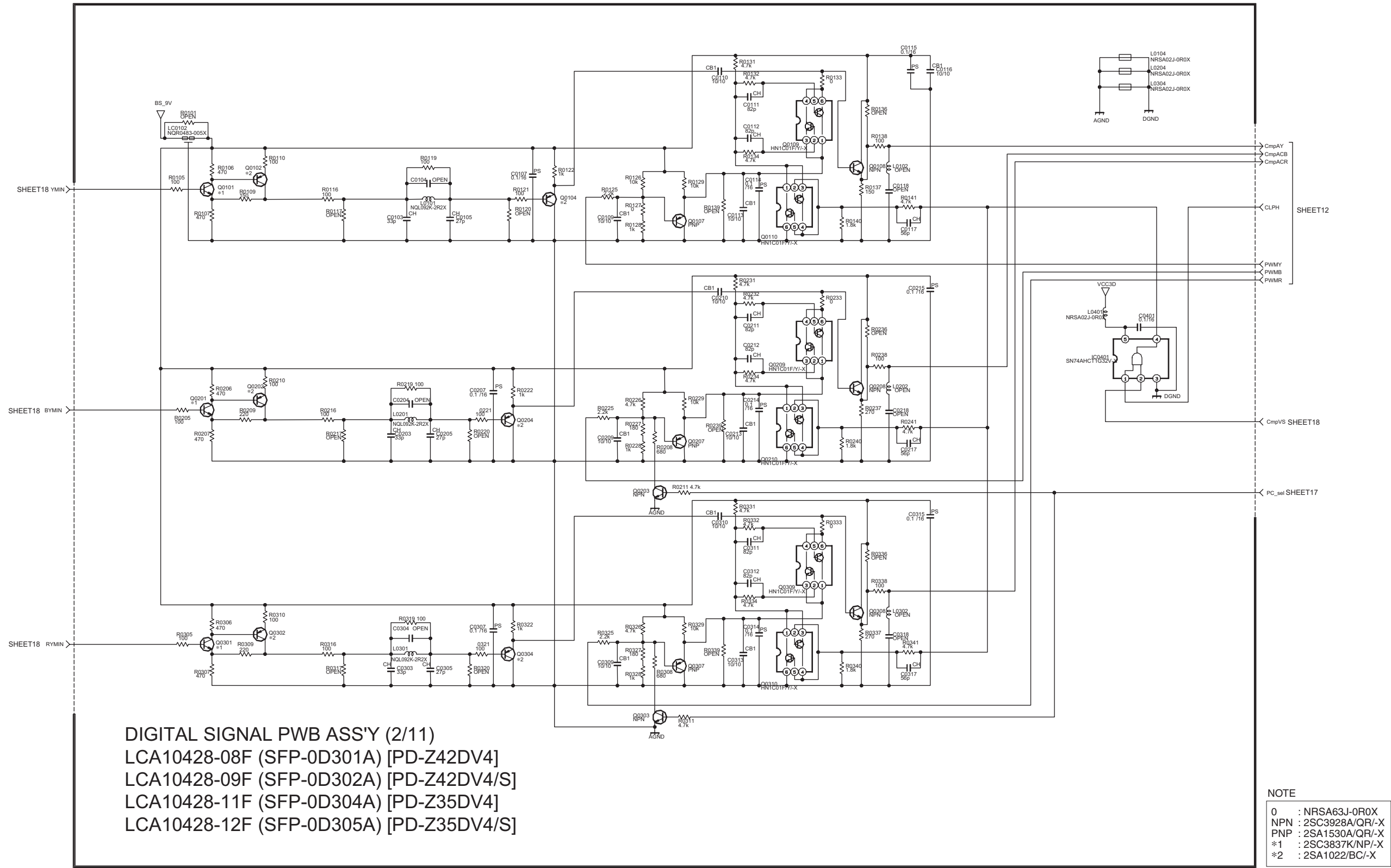
NOTE) Please refer to page 2-91 for voltages of this circuit diagram.



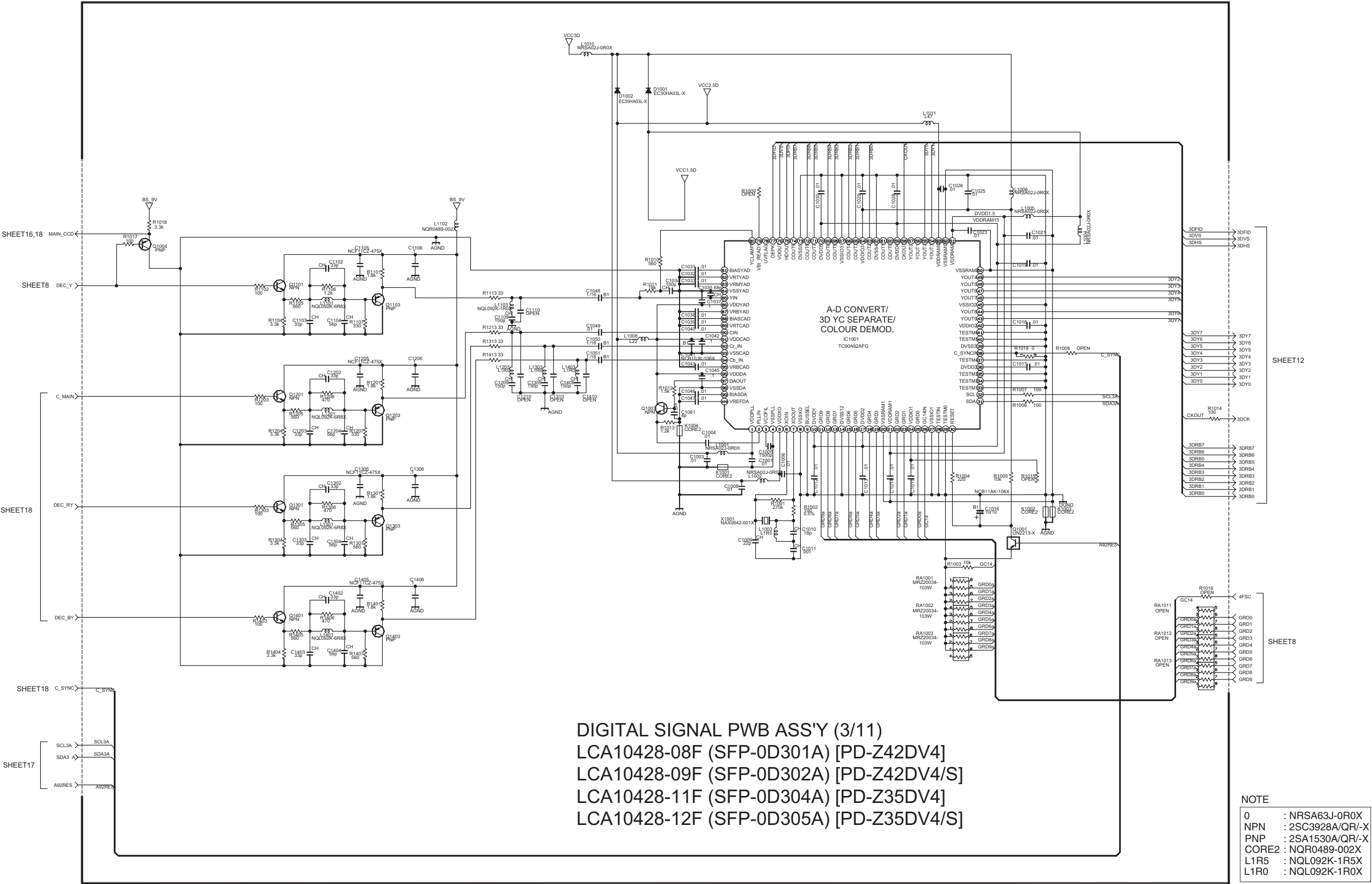


DIGITAL SIGNAL PWB ASS'Y (1/11)
LCA10428-08F (SFP-0D301A) [PD-Z42DV4]
LCA10428-09F (SFP-0D302A) [PD-Z42DV4/S]
LCA10428-11F (SFP-0D304A) [PD-Z35DV4]
LCA10428-12F (SFP-0D305A) [PD-Z35DV4/S]

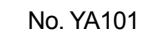
NOTES) 1. Please refer to page 2-91 for voltages of this circuit diagram.
2. Please refer to page 2-94 for waveforms of this circuit diagram.

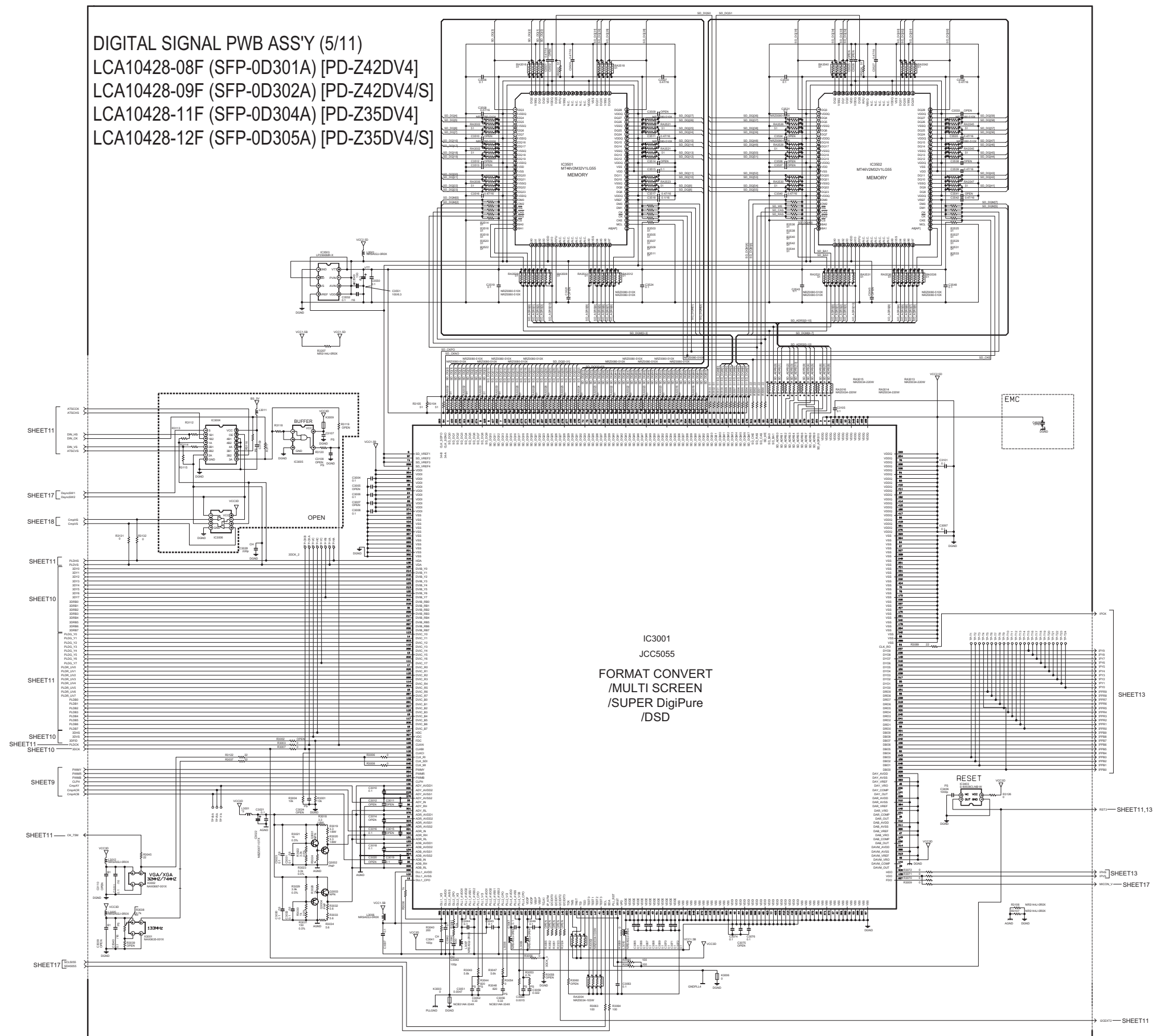


(NOTE) Please refer to page 2-91 for voltages of this circuit diagram.

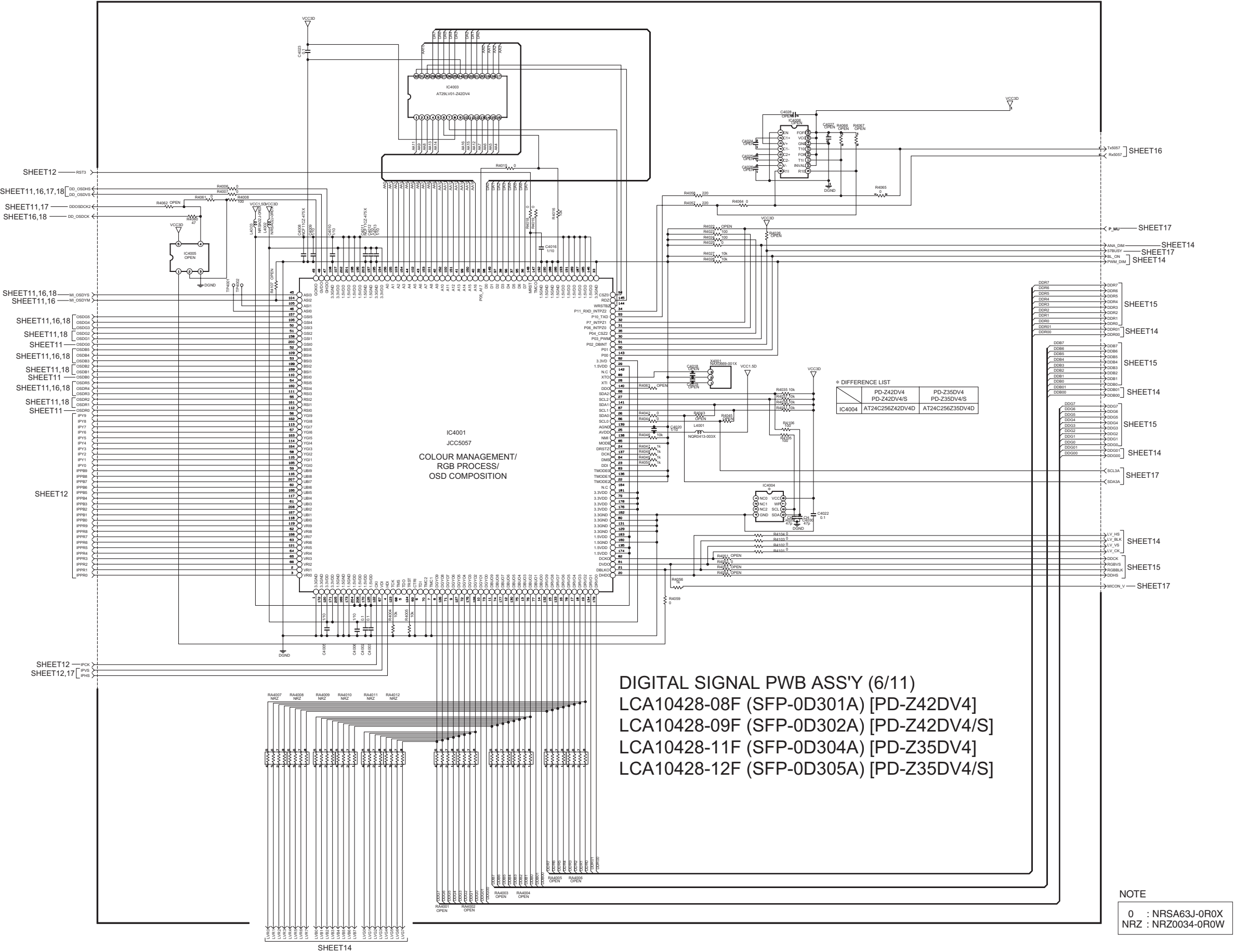


NOTES) 1. Please refer to page 2-91 for voltages of this circuit diagram.
2. Please refer to page 2-94 for waveforms of this circuit diagram.

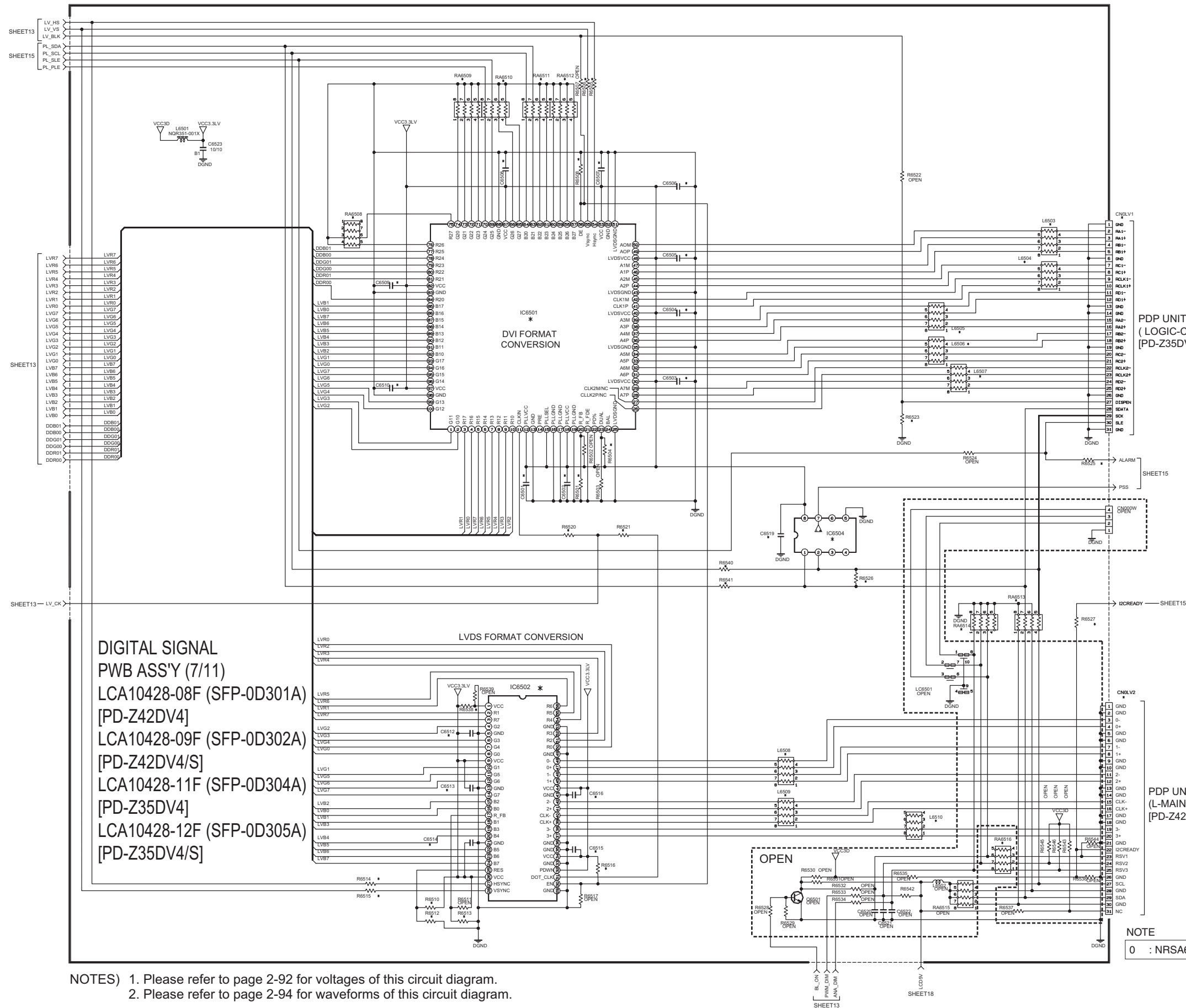




0	: NRSA63J-0R0X
NPN	: 2SC3928A/QR/-X
PNP	: 2SA1530A/QR/-X
*2	: NQR0489-002X
0.1	: NCF31CZ-104X



NOTE) Please refer to page 2-92 for voltages of this circuit diagram.



	PD-242DV4 PD-242DV4/S	PD-235DV4 PD-235DV4/S
CNOLV1	OPEN	OZG511F2-31X
IC6501	OPEN	DS90C387J-D
IC6504	OPEN	DS90LV018ATM-X
LE6503	OPEN	NR20034-OROW
LE6504	OPEN	NR20034-OROW
LE6505	OPEN	NR20034-OROW
LE6506	OPEN	NR20034-OROW
LE6507	OPEN	NR20034-OROW
CE6501	OPEN	0 1/16
CE6502	OPEN	0 1/16
CE6503	OPEN	0 1/16
CE6504	OPEN	0 1/16
CE6505	OPEN	0 1/16
CE6506	OPEN	0 1/16
CE6507	OPEN	0 1/16
CE6508	OPEN	0 1/16
CE6509	OPEN	0 1/16
CE6510	OPEN	0 1/16
RE6501	OPEN	1k
RE6504	OPEN	1k
RE6505	OPEN	100
RE6506	OPEN	100
RE6508	OPEN	0
RE6520	OPEN	0
RE6523	OPEN	1k
RE6525	OPEN	100
RE6526	OPEN	100
RA6508	OPEN	NR20034-OROW
RA6509	OPEN	NR20034-OROW
RA6510	OPEN	NR20034-OROW
RA6511	OPEN	NR20034-OROW
CE6512	OPEN	NR20034-OROW
CNOLV2	OQA121F2-31X	OPEN
IC6502	THC63LVDME3R-W	OPEN
LE6508	NR20034-OROW	OPEN
LE6509	NR20034-OROW	OPEN
LE6510	NR20034-OROW	OPEN
CE6512	0 1/16	OPEN
CE6513	0 1/16	OPEN
CE6514	0 1/16	OPEN
CE6515	0 1/16	OPEN
CE6516	0 1/16	OPEN
RE6510	1k	OPEN
RE6512	1k	OPEN
RE6513	0	OPEN
RE6514	100	OPEN
RE6515	100	OPEN
RE6516	100	OPEN
RE6521	0	OPEN
RE6527	100	OPEN
RE6538	0	OPEN
RA6513	NR20034-OROW	OPEN
RA6514	NR20034-OROW	OPEN
RA6516	NR20034-OROW	OPEN
RE6540	0	OPEN
RE6541	0	OPEN

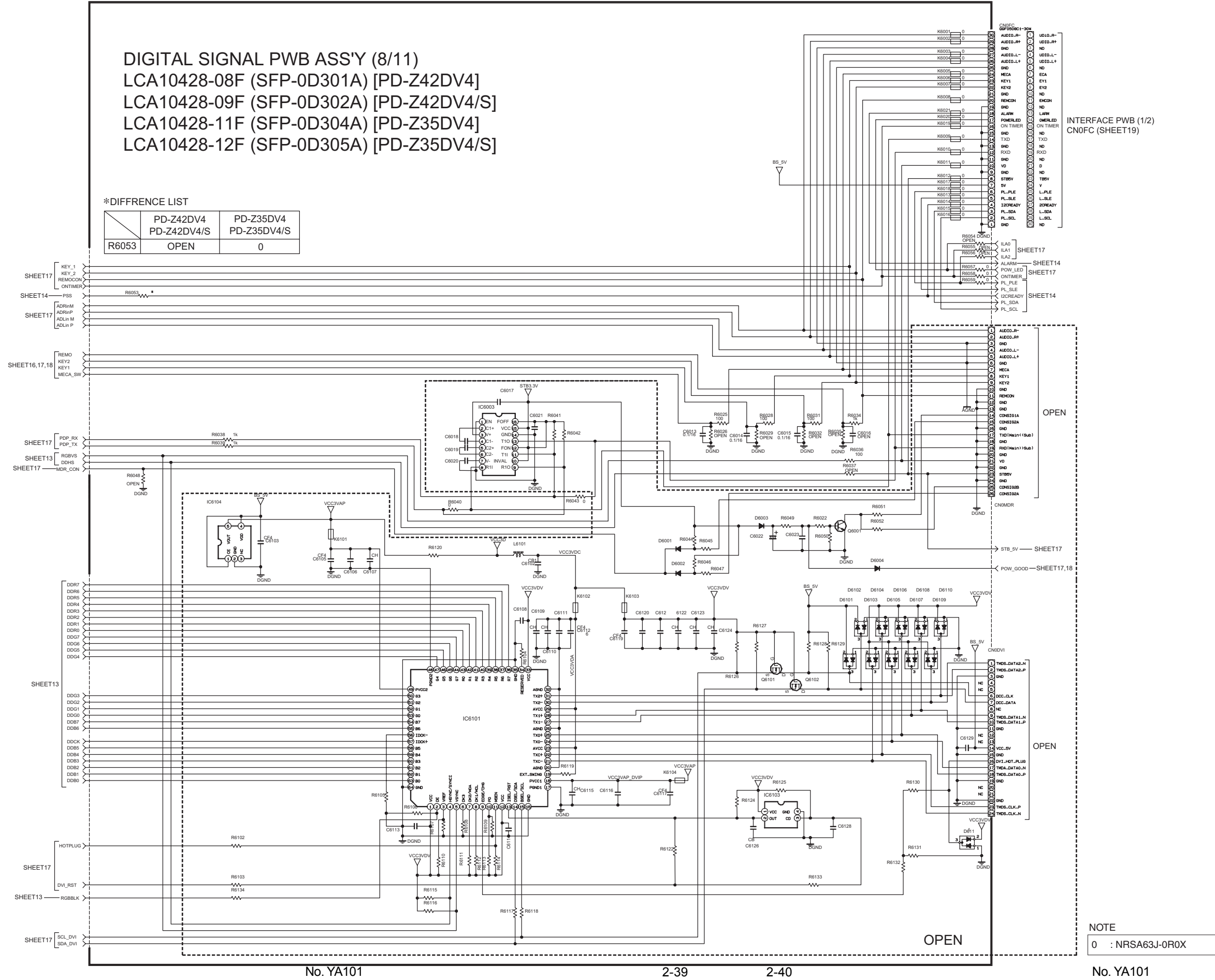
PDP UNIT
(LOGIC-CONTROL PWB CN101)
[PD-Z35DV4,PD-Z35DV4/S]

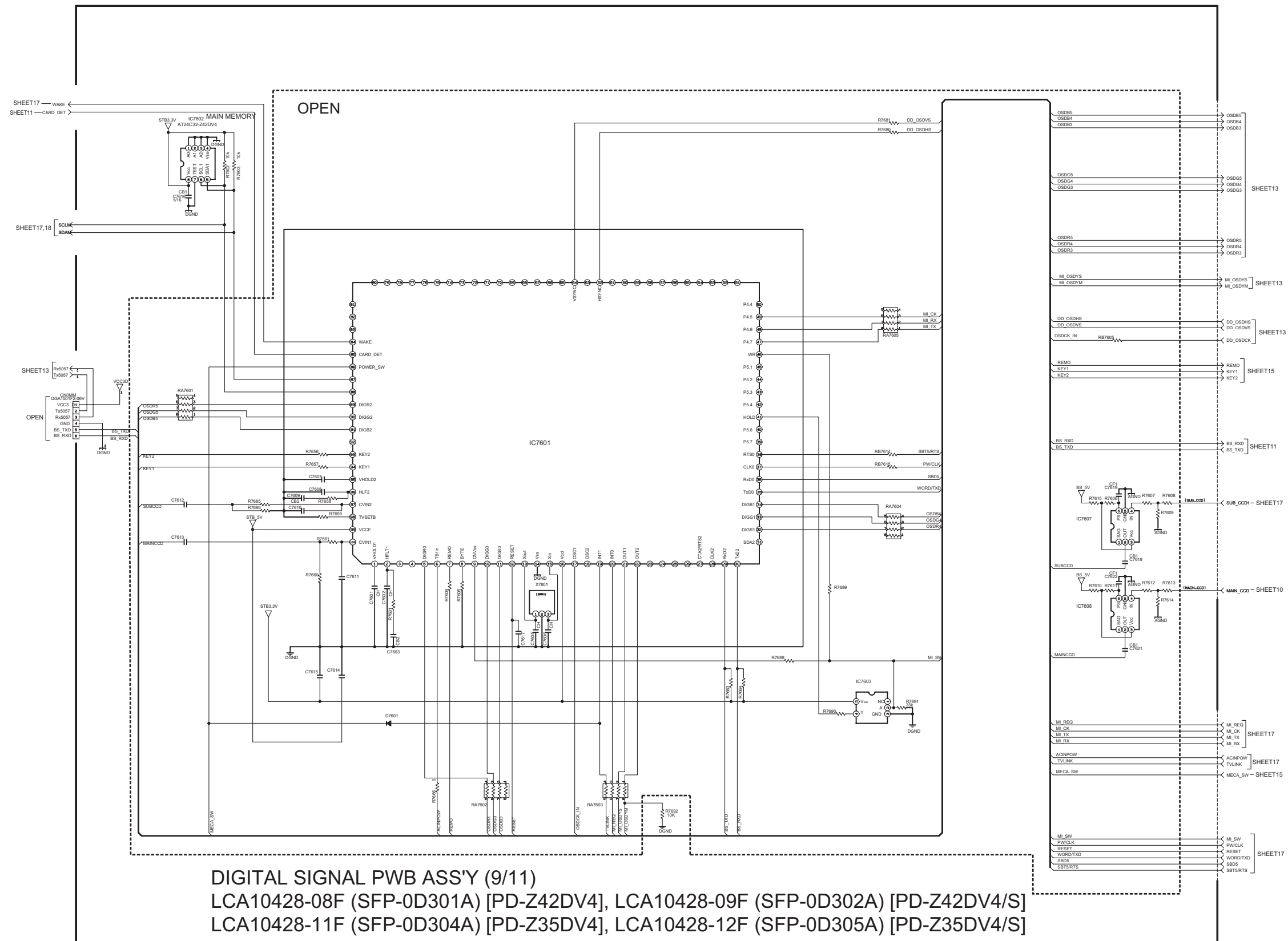
PDP UNIT
(L-MAIN PWB CNLA03)
[PD-Z42DV4,PD-Z42DV4/S]

NOTE

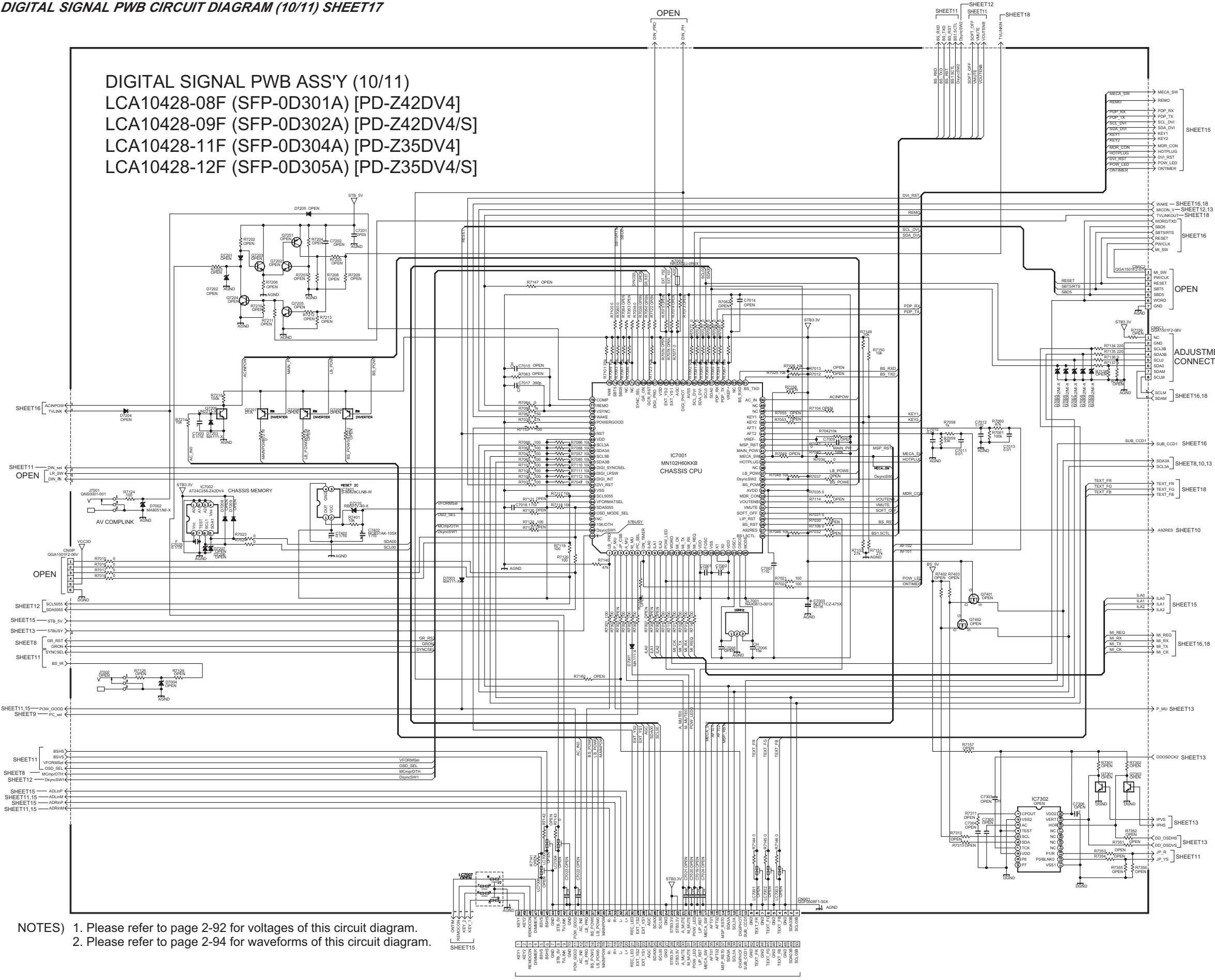
0	: NRSA63J-0R0X
---	----------------

NOTES) 1. Please refer to page 2-92 for voltages of this circuit diagram.
2. Please refer to page 2-94 for waveforms of this circuit diagram.



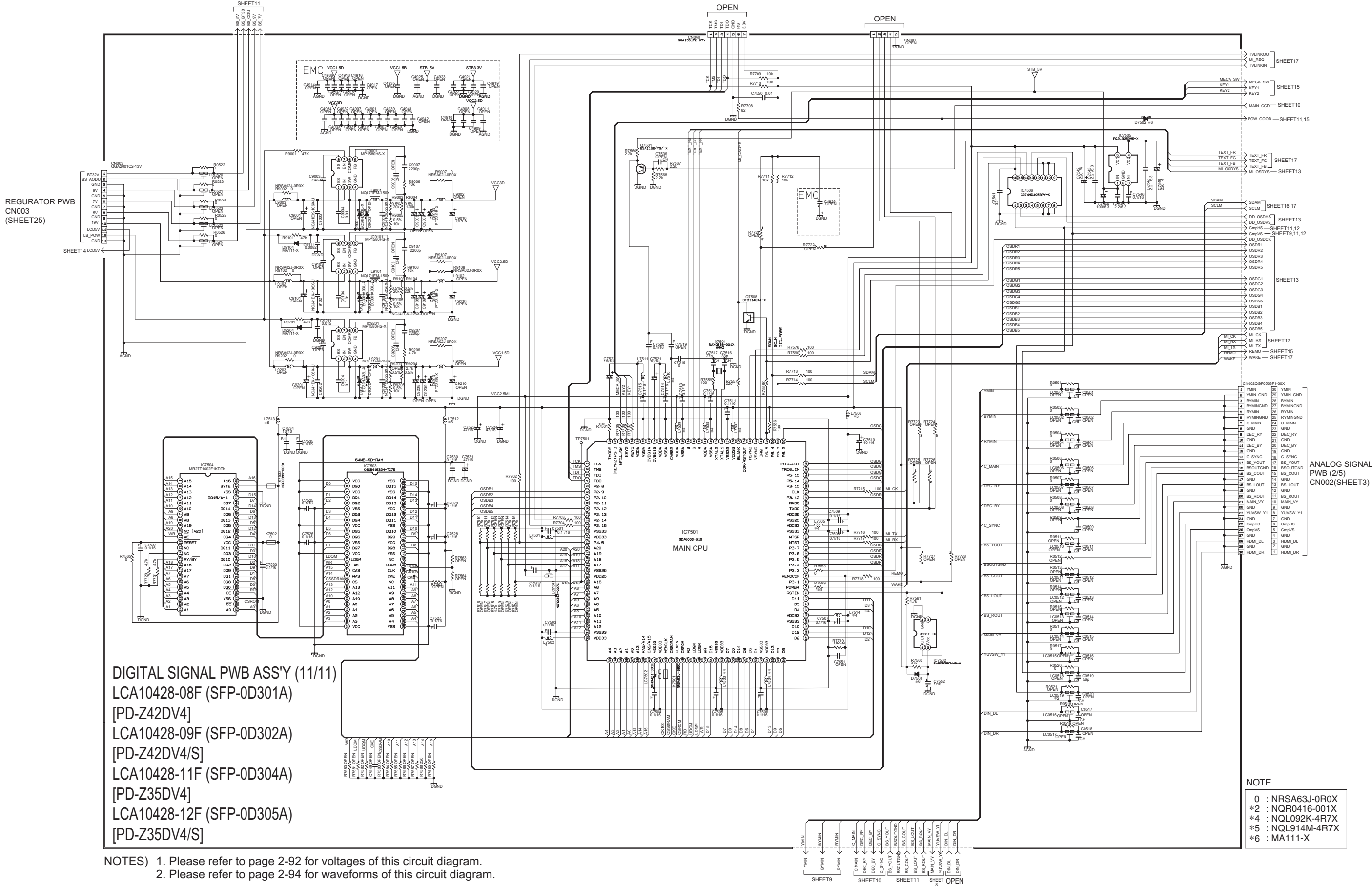


NOTE) Please refer to page 2-92 for voltages of this circuit diagram.



NOTES) 1. Please refer to page 2-92 for voltages of this circuit diagram.
2. Please refer to page 2-94 for waveforms of this circuit diagram.

NOTE
0 : NRS463J-0R0X
NPN : 2SC3928A/QR-X
PNP : 2SA1530A/QR-X
0.1 : NCF31CZ-104X
DTA : DTA144EKA-X

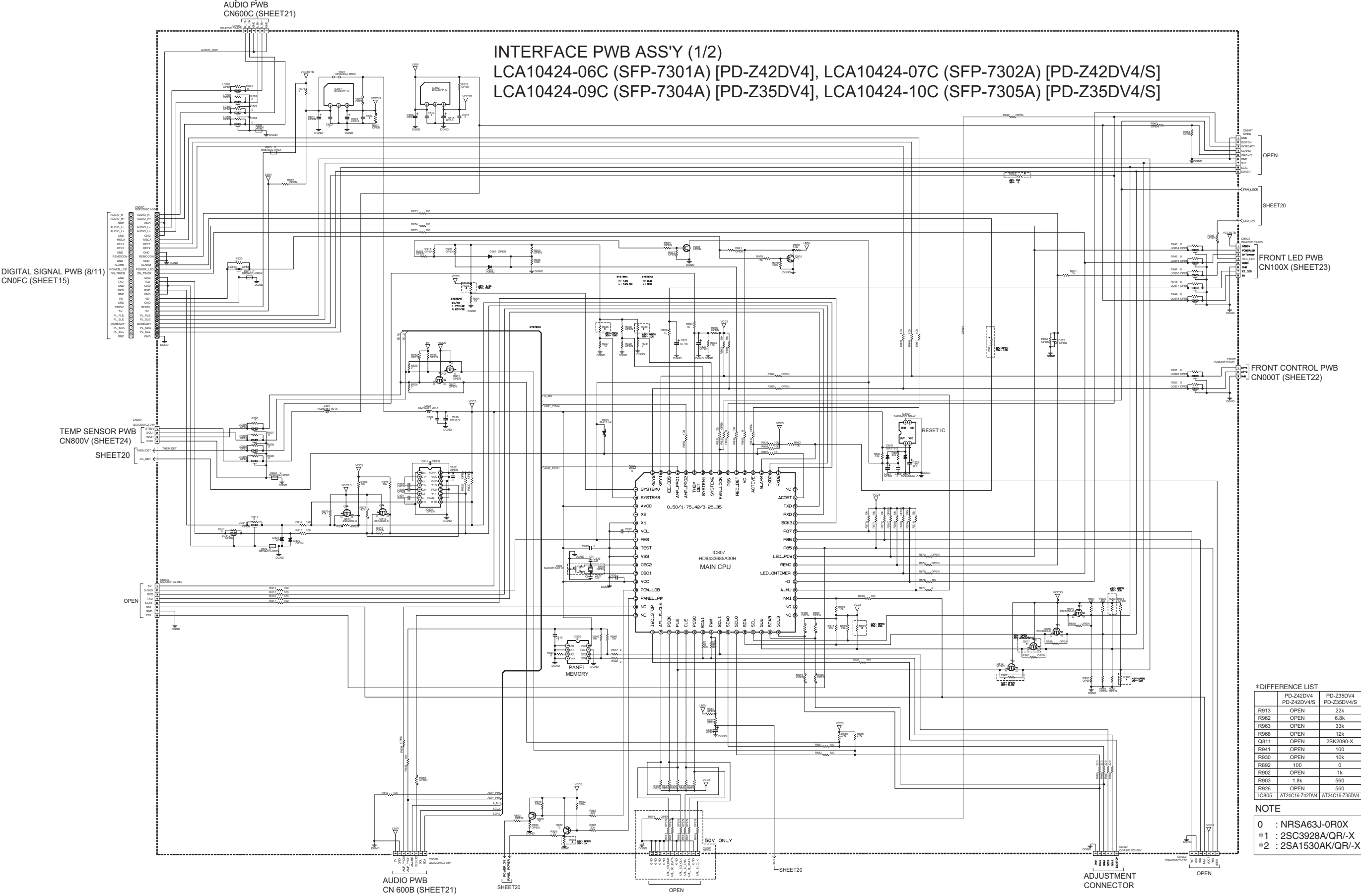


DIGITAL SIGNAL PWB ASS'Y (11/11)
LCA10428-08F (SFP-0D301A)
[PD-Z42DV4]
LCA10428-09F (SFP-0D302A)
[PD-Z42DV4/S]
LCA10428-11F (SFP-0D304A)
[PD-Z35DV4]
LCA10428-12F (SFP-0D305A)
[PD-Z35DV4/S]

NOTE
0 : NRSR63J-0R0X
*2 : NQR0416-001X
*4 : NQL092K-4R7X
*5 : NQL914M-4R7X
*6 : MA111-X

NOTES) 1. Please refer to page 2-92 for voltages of this circuit diagram.
2. Please refer to page 2-94 for waveforms of this circuit diagram.

INTERFACE PWB CIRCUIT DIAGRAM (1/2) SHEET19



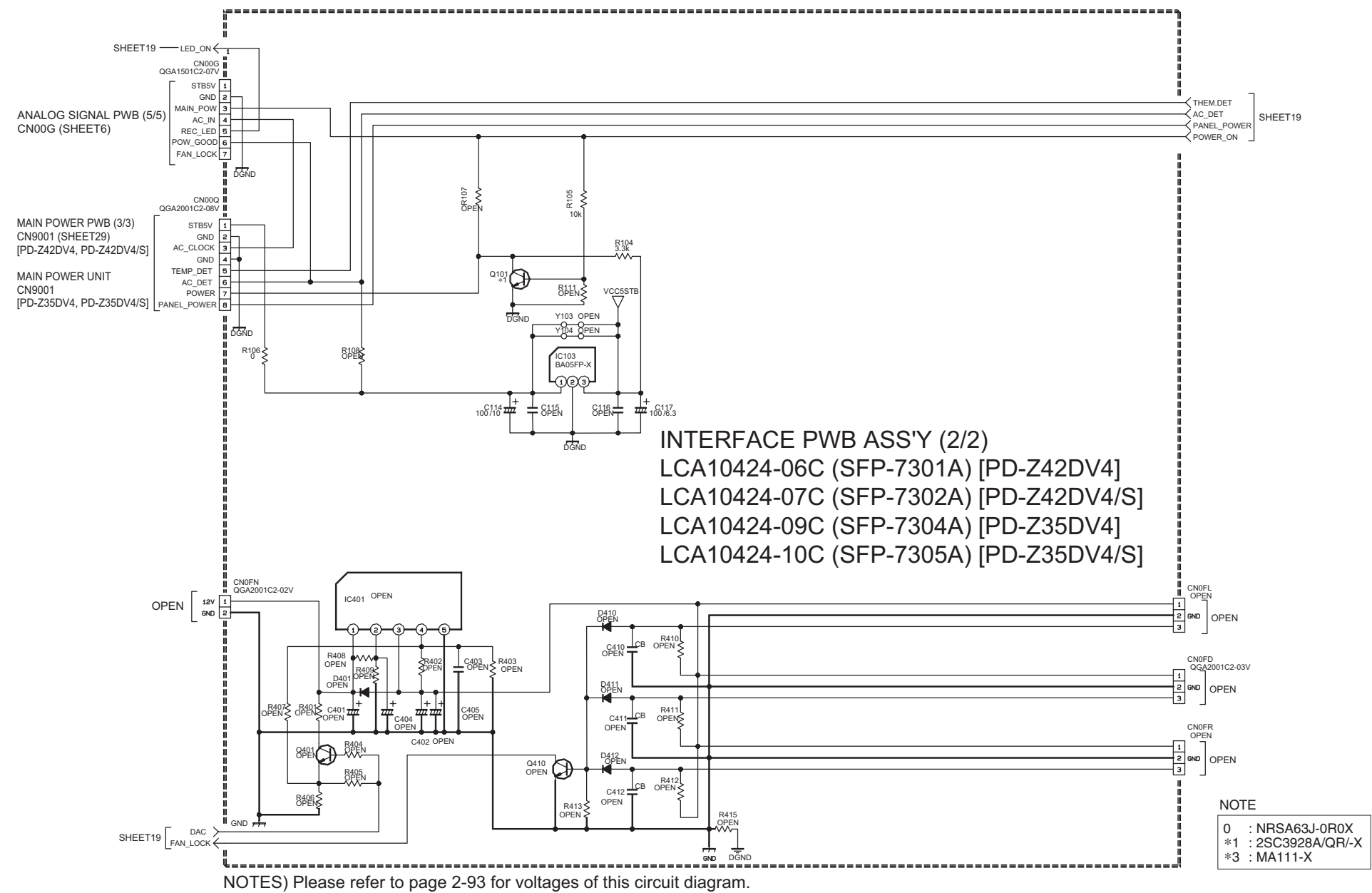
*DIFFERENCE LIST

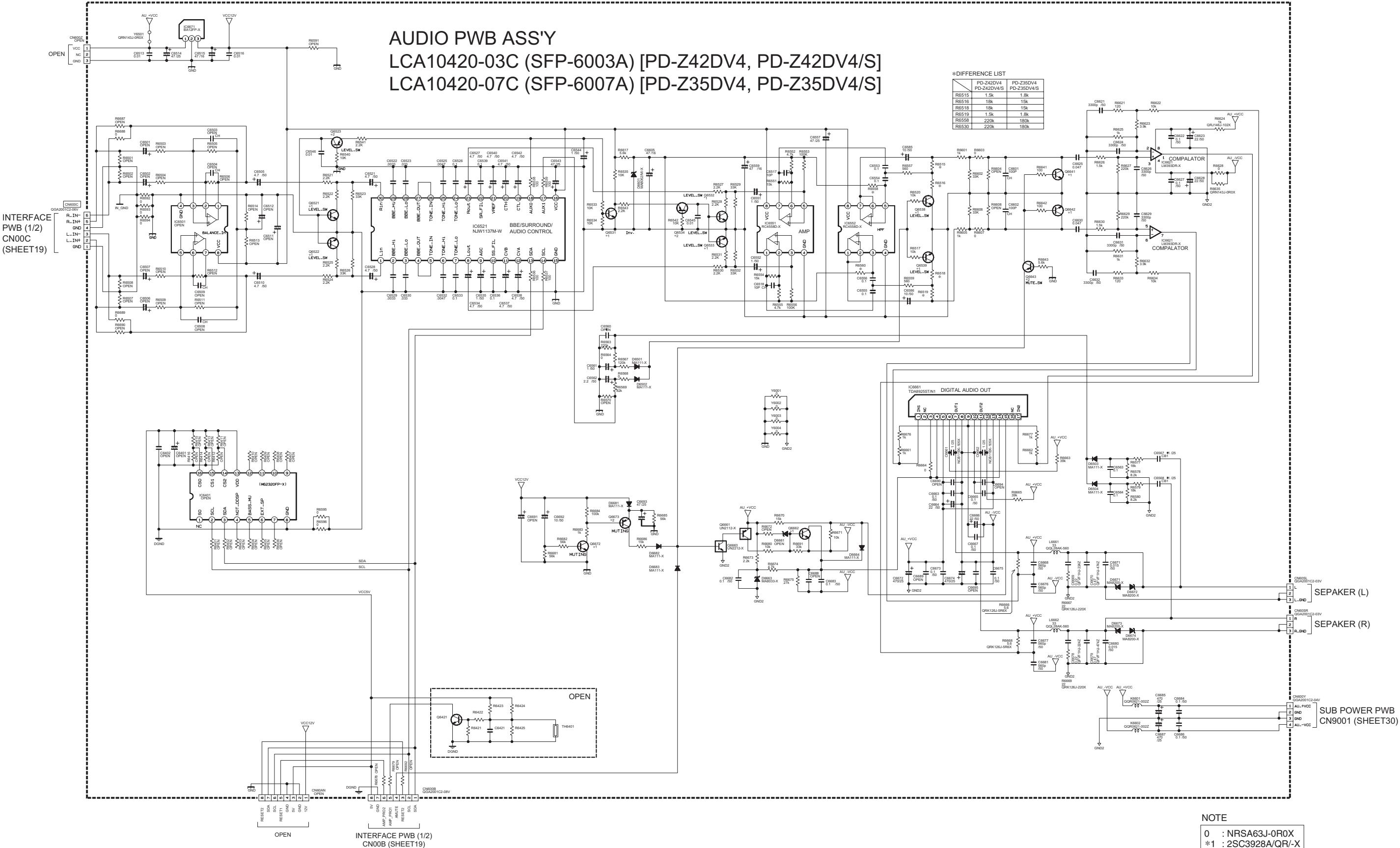
	PD-Z42DV4 PD-Z42DV4/S	PD-Z35DV4 PD-Z35DV4/S
R913	OPEN	22k
R962	OPEN	6.8k
R963	OPEN	33k
R968	OPEN	12k
Q811	OPEN	2SK2090-X
R941	OPEN	100
R930	OPEN	10k
R892	100	0
R902	OPEN	1k
R903	1.8k	560
R926	OPEN	560
IC805	AT24C16-Z42DV4	AT24C16-Z35DV4

NOTE

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530AK/QR/-X

NOTES) 1. Please refer to page 2-93 for voltages of this circuit diagram.
2. Please refer to page 2-94 for waveforms of this circuit diagram.

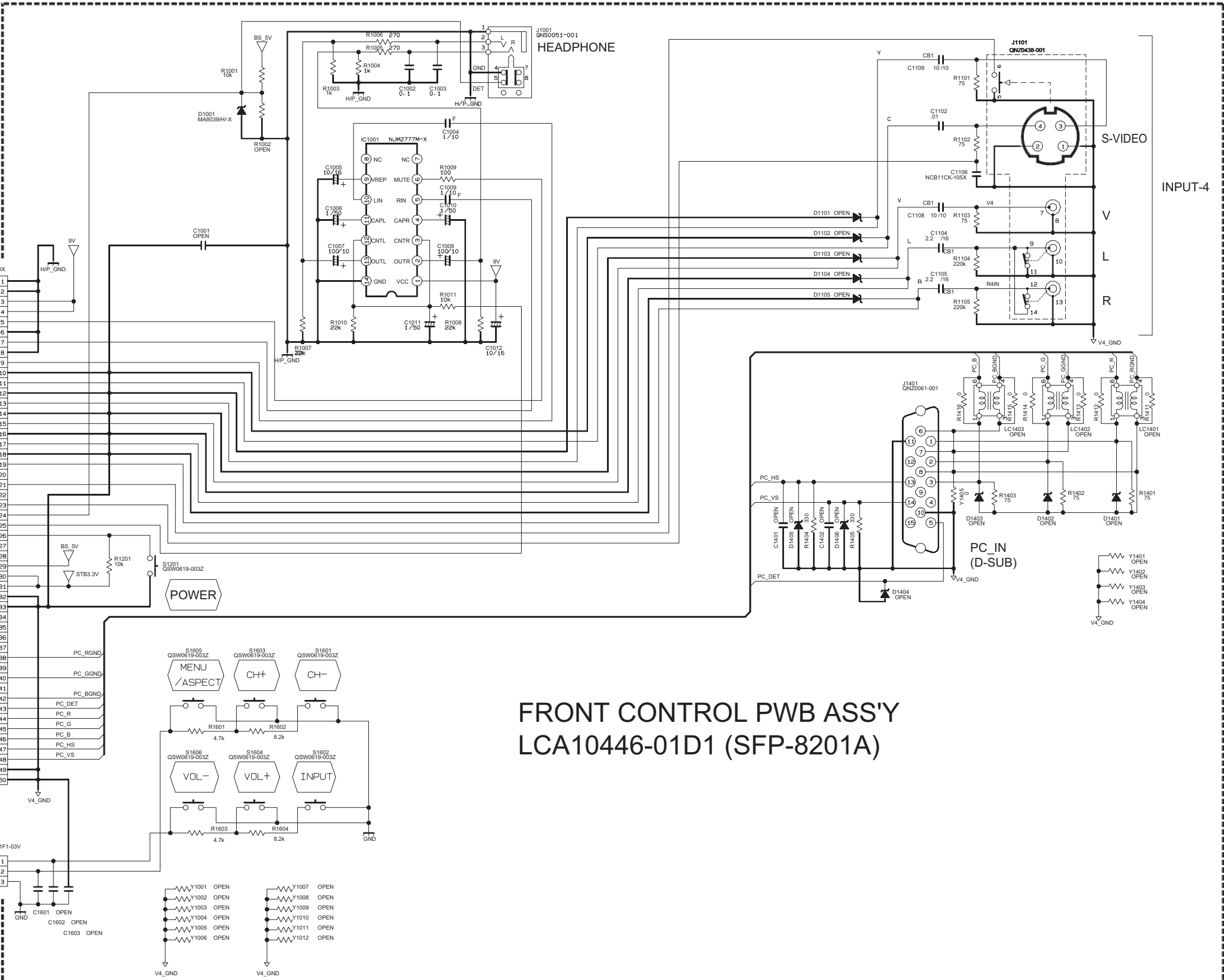




NOTE) Please refer to page 2-93 for voltages of this circuit diagram.

ANALOG SIGNAL PWB (1/5)
CN00F (SHEET2)

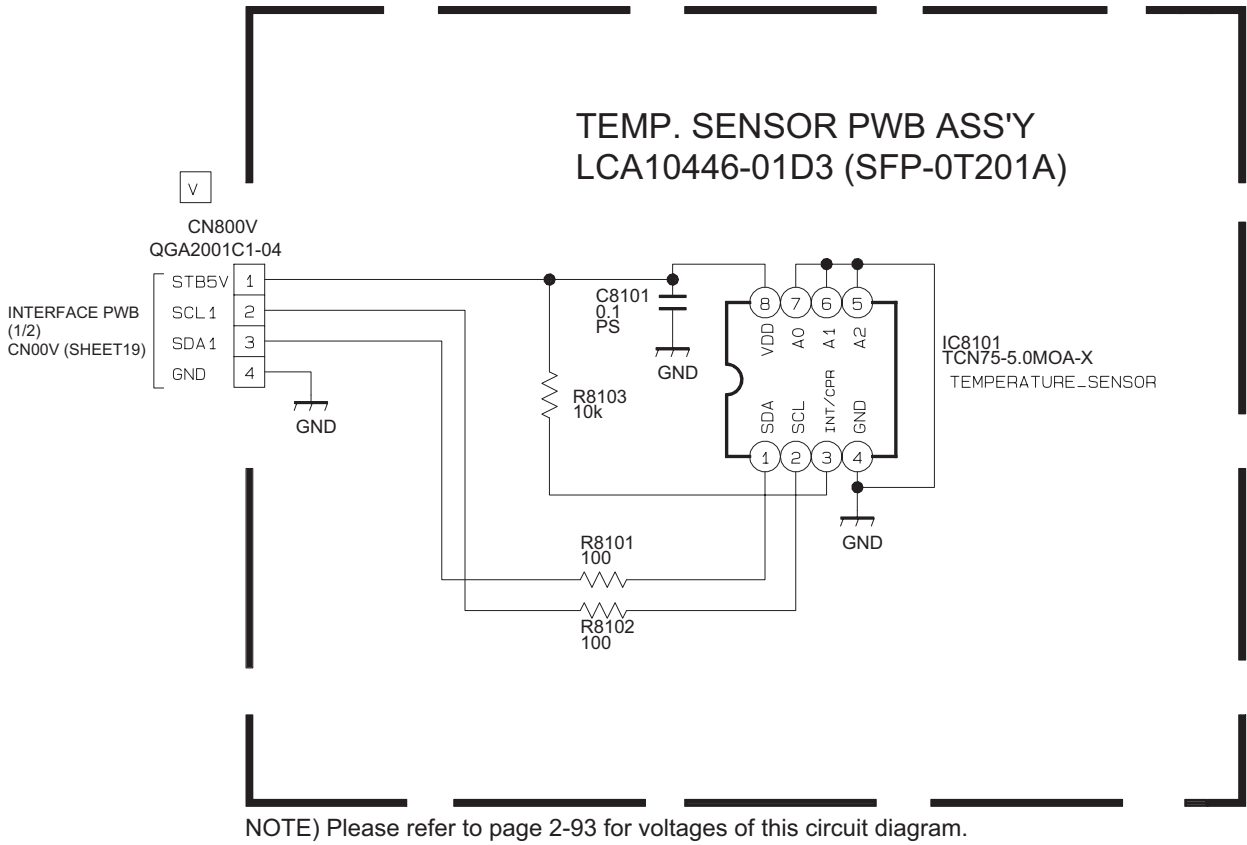
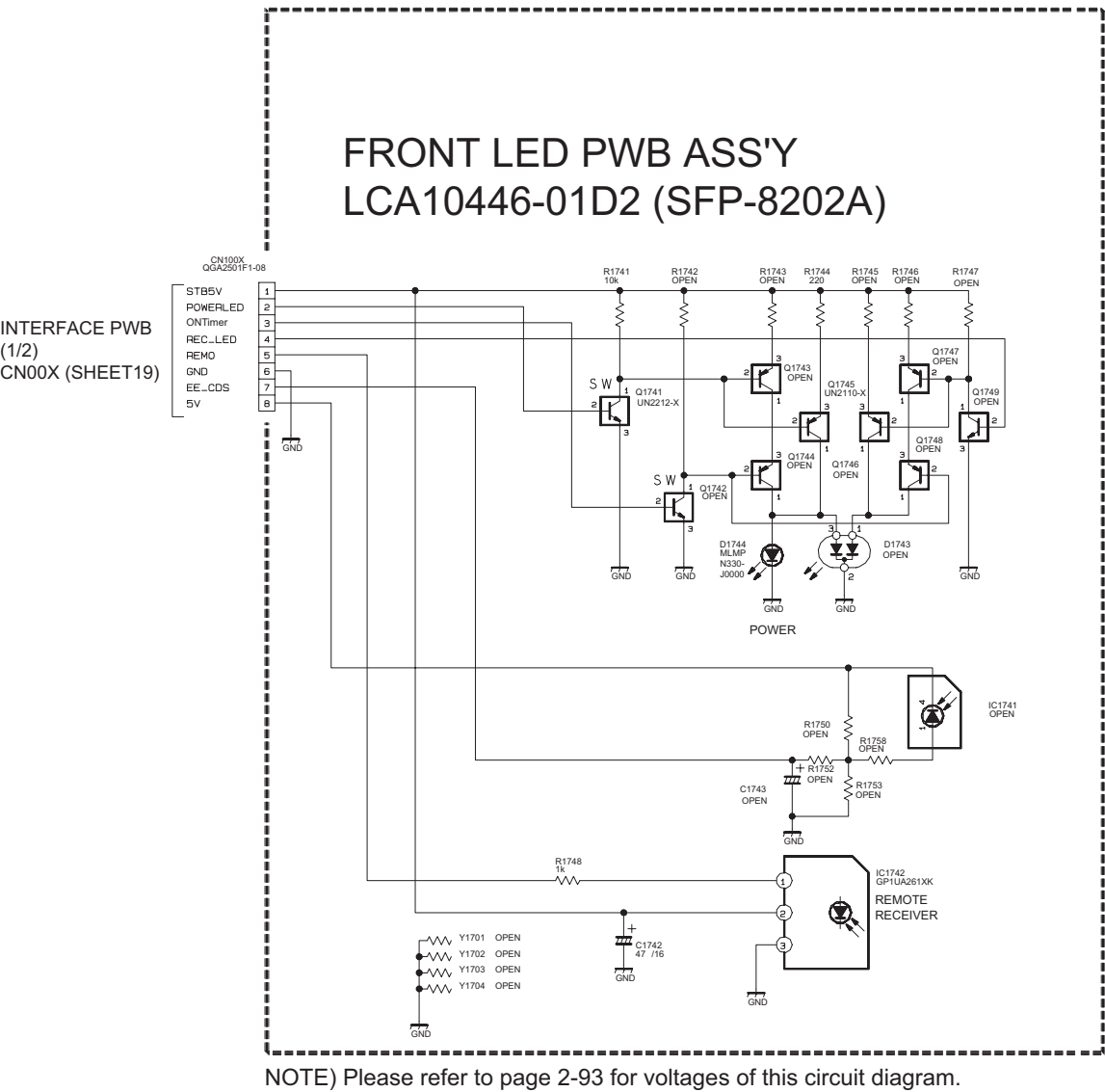
INTERFACE PWB (1/2)
CN00T (SHEET19)



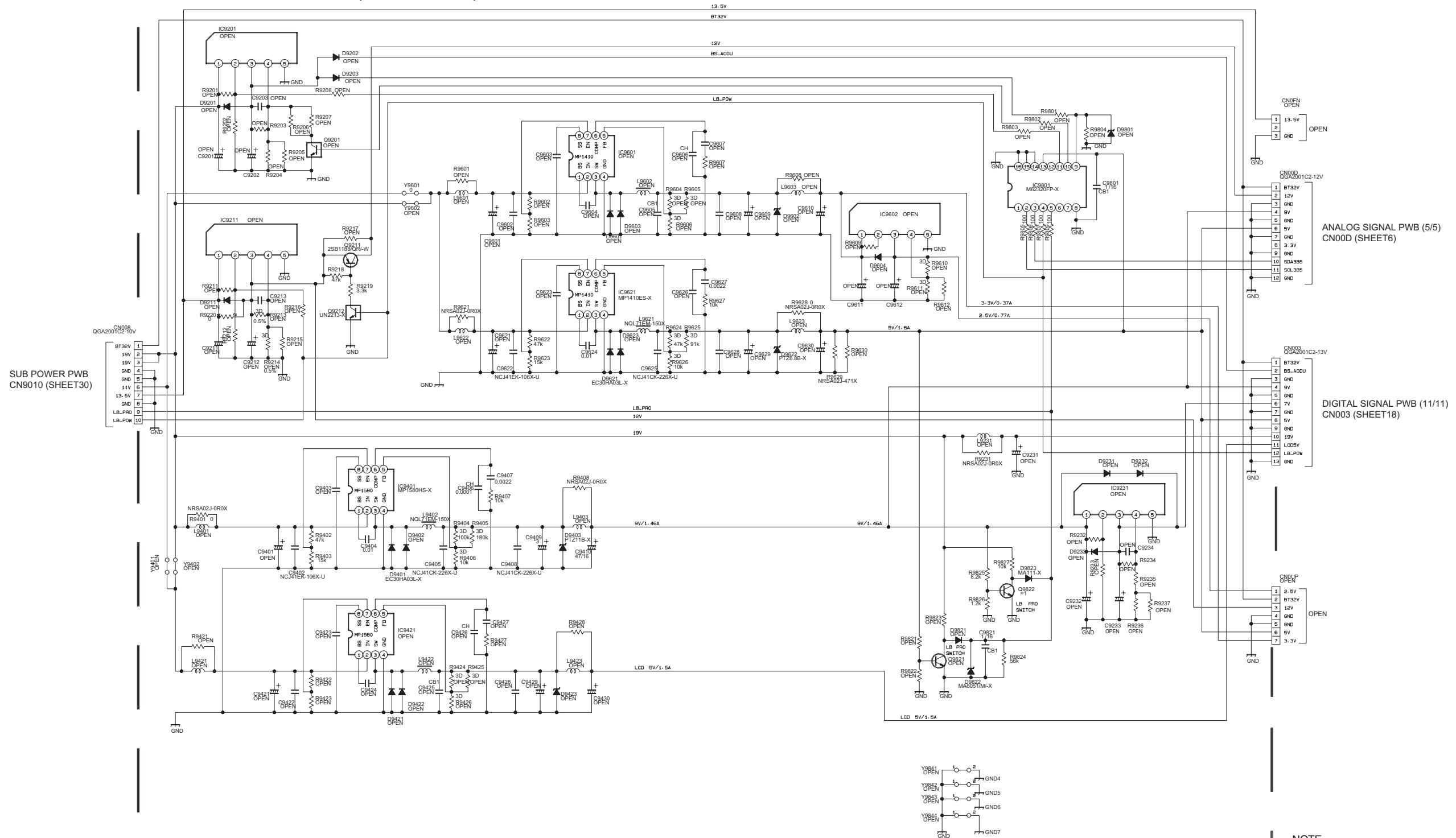
FRONT CONTROL PWB ASS'Y
LCA10446-01D1 (SFP-8201A)

NOTE) Please refer to page 2-93 for voltages of this circuit diagram.

NOTE
0 : NRSA63J-0R0X



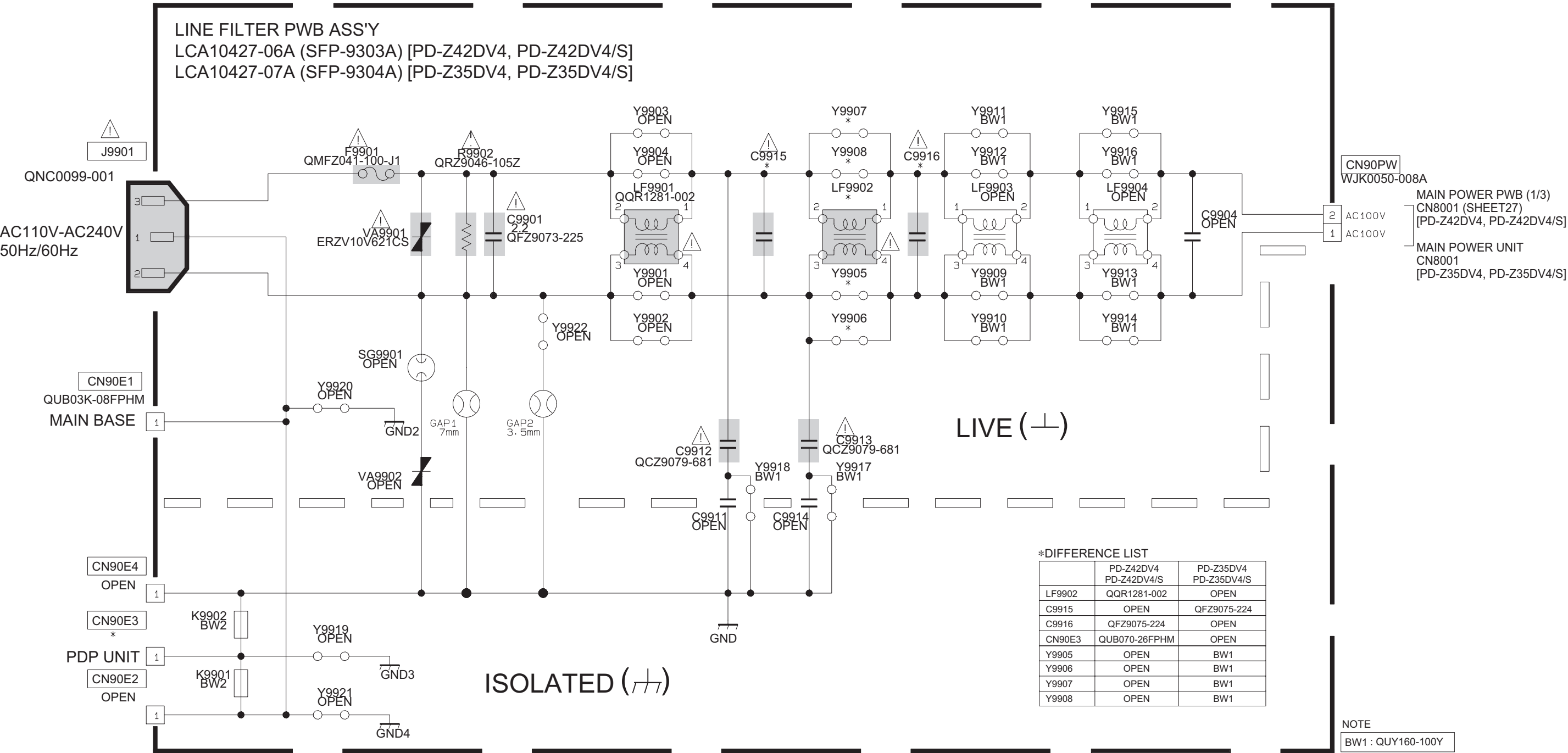
REGULATOR PWB ASS'Y
LCA10426-01B (SFP-9203A)

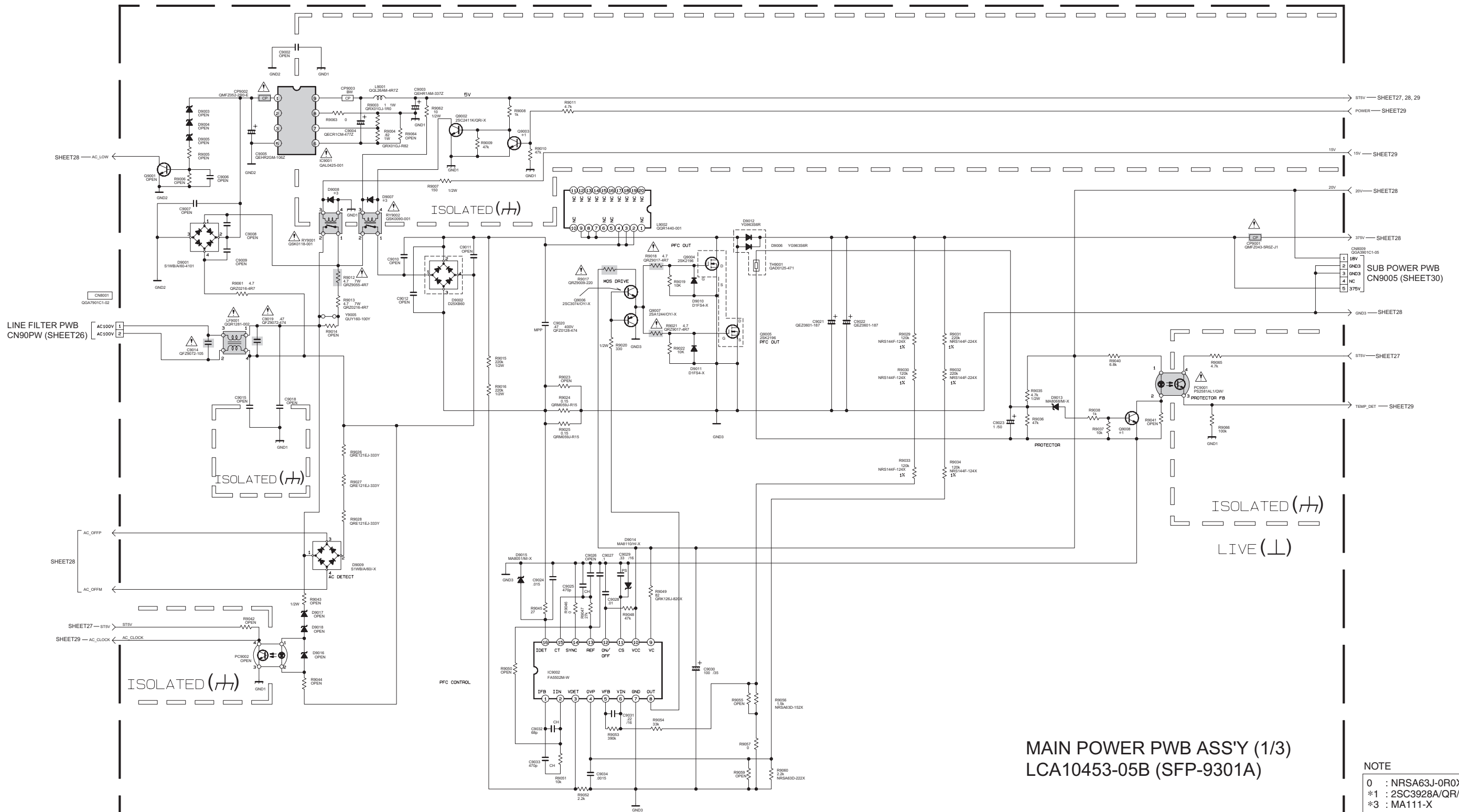


NOTE

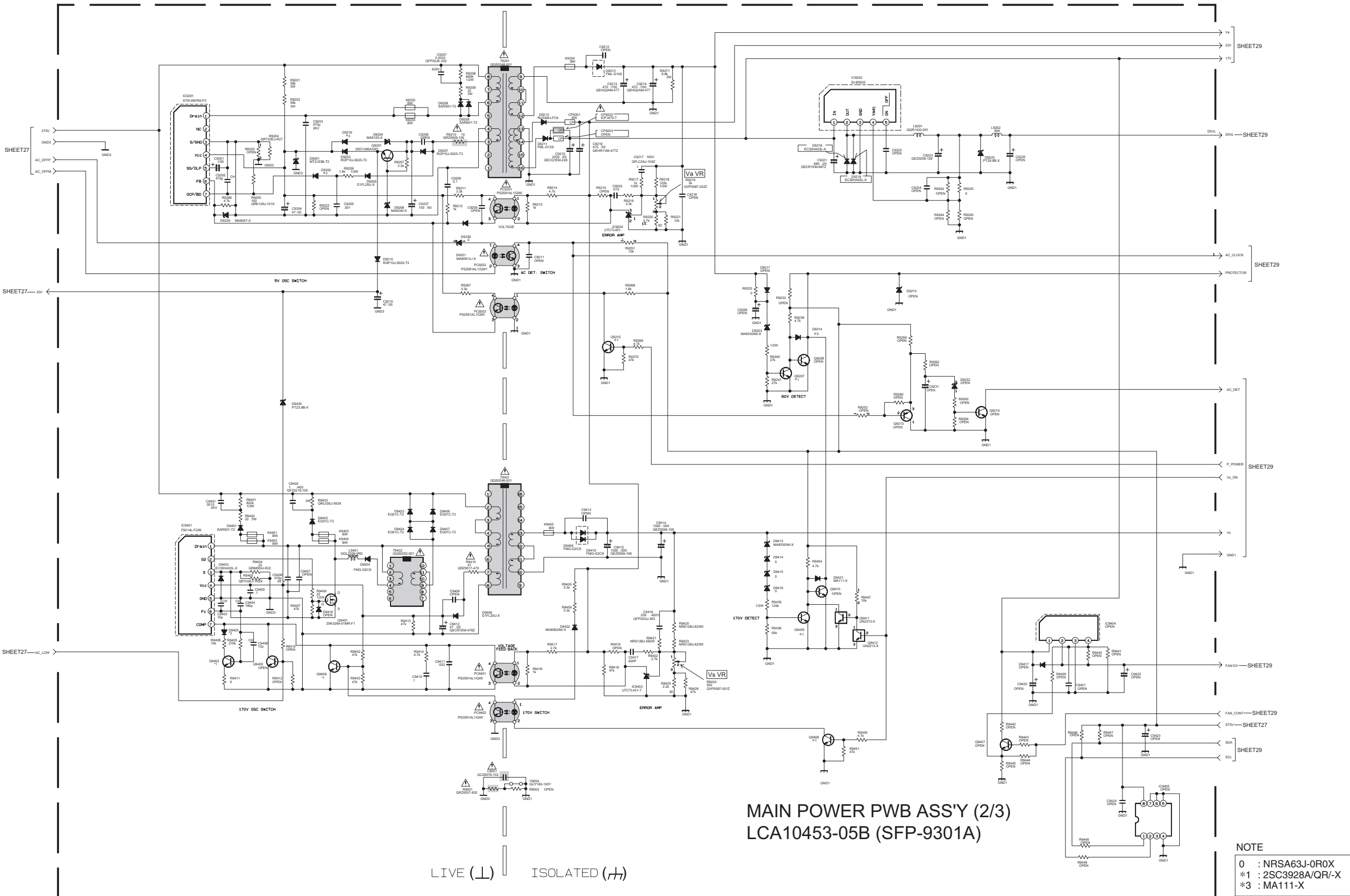
0	: NRSA63J-0R0X
*1	: 2SC3928A/QR/-X
*3	: NEZ0022-157X

NOTE) Please refer to page 2-93 for voltages of this circuit diagram.



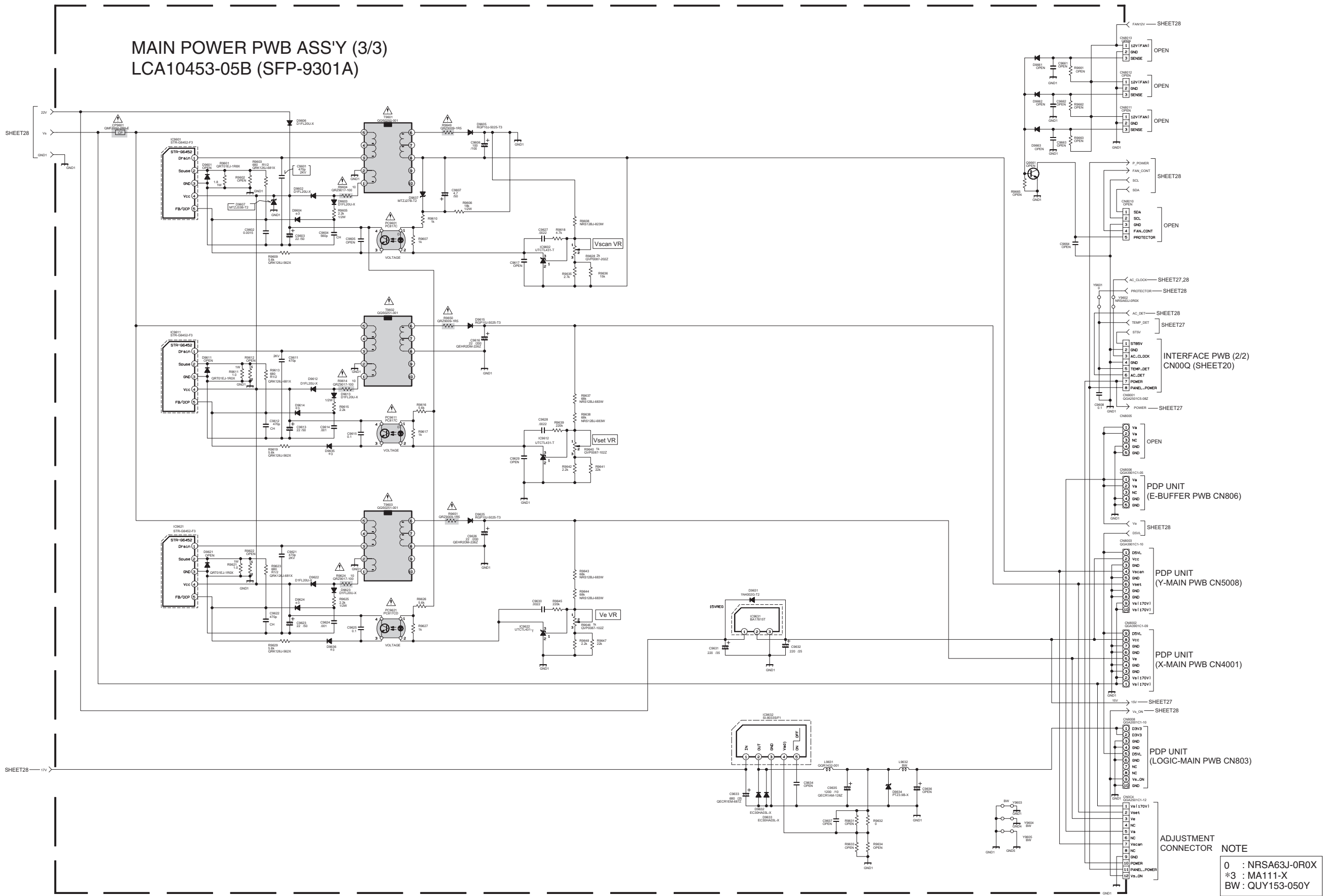


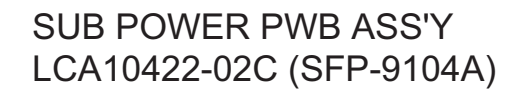
NOTE) Please refer to page 2-93 for voltages of this circuit diagram.



MAIN POWER PWB ASS'Y (2/3)
LCA10453-05B (SFP-9301A)

NOTE) Please refer to page 2-93 for voltages of this circuit diagram.





0 : NRSA63J-0R0X
*3 : MA111-X
BW : QUY153-050Y

No. YA101

TOP

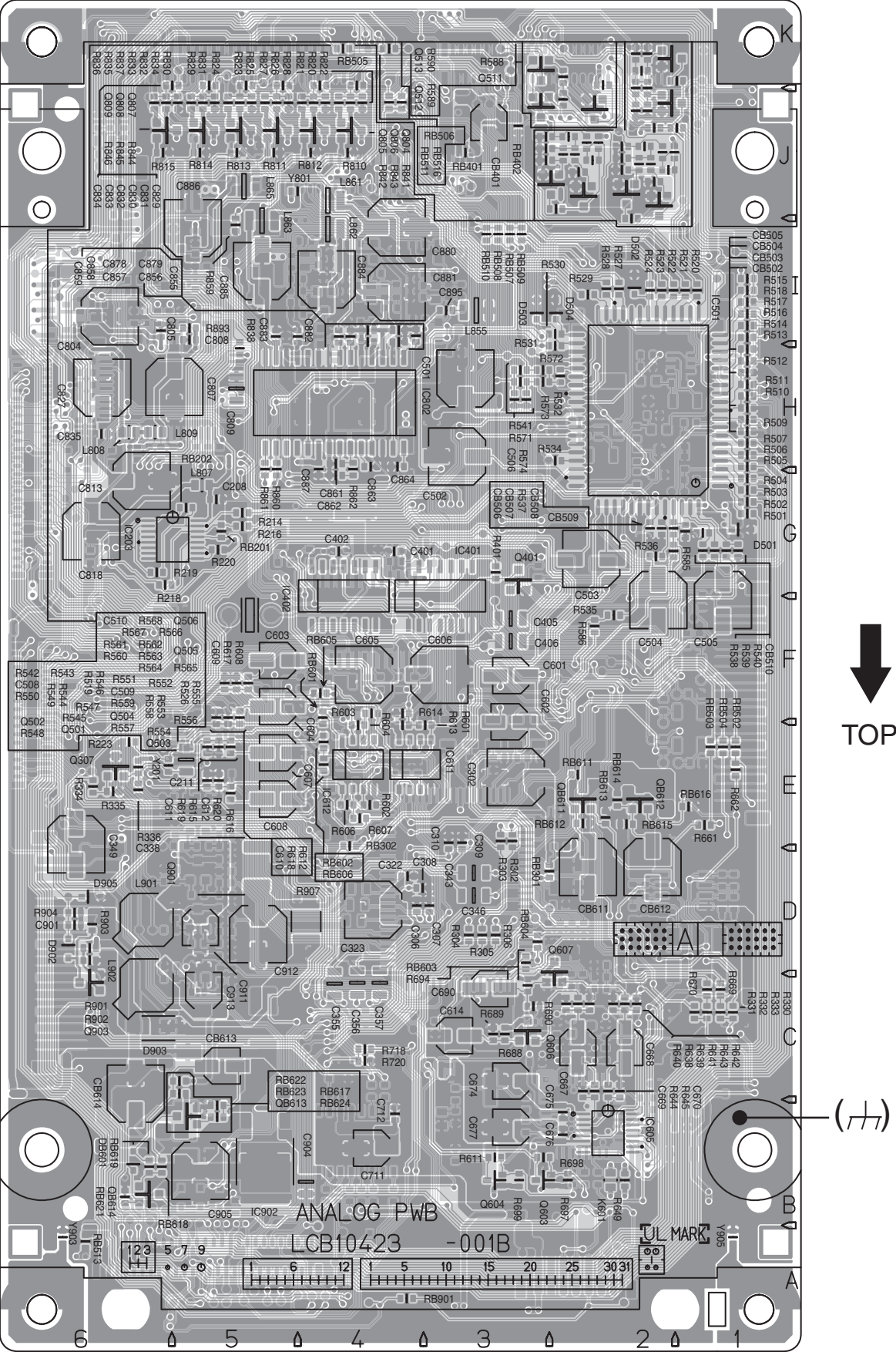
Connector List:

- 17 VIDEO_OUT
- 16 IF_OUT
- 15 BTL
- 14 SIF_OUT
- 13 AUDIO_OUT
- 12 AFT
- 11 SDA
- 10 SCL
- 9 RF_AGC
- 7 BT
- 6 SW2
- 5 SW1
- 3 BM

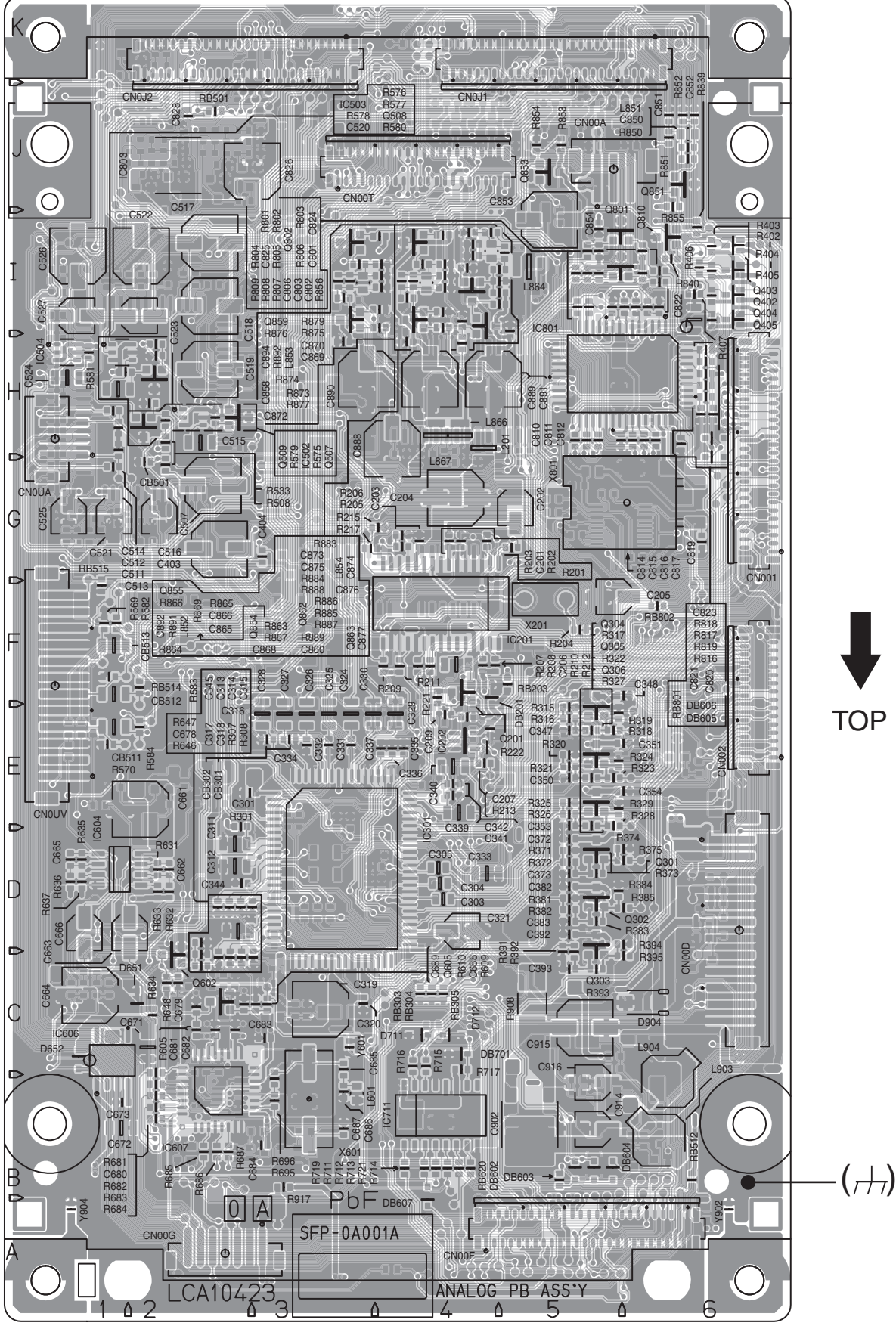
Other Labels:

- LC10476 TU MSP PB ASS'Y
- PbF
- SFP-0F301A
- TU3001
- C3602, R3603, R3602, C3605, R3604, R3606, R3607, C3607, R3608, R3609, C3610, R3611, R3612, C3613, R3614, R3615, C3616, C3617, C3618, C3619, C3620, C3621, C3622, C3623, C3624, C3625, C3626, C3627, C3628, C3629, C3630, C3631, C3632, C3633, C3634, C3635, C3636, C3637, C3638, C3639, C3640, C3641, C3642, C3643, C3644, C3645, C3646, C3647, C3648, C3649, C3650, C3651, C3652, C3653, C3654, C3655, C3656, C3657, C3658, C3659, C3660, C3661, C3662, C3663, C3664, C3665, C3666, C3667, C3668, C3669, C3670, C3671, C3672, C3673, C3674, C3675, C3676, C3677, C3678, C3679, C3680, C3681, C3682, C3683, C3684, C3685, C3686, C3687, C3688, C3689, C3690, C3691, C3692, C3693, C3694, C3695, C3696, C3697, C3698, C3699, C3700, C3701, C3702, C3703, C3704, C3705, C3706, C3707, C3708, C3709, C3710, C3711, C3712, C3713, C3714, C3715, C3716, C3717, C3718, C3719, C3720, C3721, C3722, C3723, C3724, C3725, C3726, C3727, C3728, C3729, C3730, C3731, C3732, C3733, C3734, C3735, C3736, C3737, C3738, C3739, C3740, C3741, C3742, C3743, C3744, C3745, C3746, C3747, C3748, C3749, C3750, C3751, C3752, C3753, C3754, C3755, C3756, C3757, C3758, C3759, C3760, C3761, C3762, C3763, C3764, C3765, C3766, C3767, C3768, C3769, C3770, C3771, C3772, C3773, C3774, C3775, C3776, C3777, C3778, C3779, C3780, C3781, C3782, C3783, C3784, C3785, C3786, C3787, C3788, C3789, C3790, C3791, C3792, C3793, C3794, C3795, C3796, C3797, C3798, C3799, C3800, C3801, C3802, C3803, C3804, C3805, C3806, C3807, C3808, C3809, C3810, C3811, C3812, C3813, C3814, C3815, C3816, C3817, C3818, C3819, C3820, C3821, C3822, C3823, C3824, C3825, C3826, C3827, C3828, C3829, C3830, C3831, C3832, C3833, C3834, C3835, C3836, C3837, C3838, C3839, C3840, C3841, C3842, C3843, C3844, C3845, C3846, C3847, C3848, C3849, C3850, C3851, C3852, C3853, C3854, C3855, C3856, C3857, C3858, C3859, C3860, C3861, C3862, C3863, C3864, C3865, C3866, C3867, C3868, C3869, C3870, C3871, C3872, C3873, C3874, C3875, C3876, C3877, C3878, C3879, C3880, C3881, C3882, C3883, C3884, C3885, C3886, C3887, C3888, C3889, C3890, C3891, C3892, C3893, C3894, C3895, C3896, C3897, C3898, C3899, C3900, C3901, C3902, C3903, C3904, C3905, C3906, C3907, C3908, C3909, C3910, C3911, C3912, C3913, C3914, C3915, C3916, C3917, C3918, C3919, C3920, C3921, C3922, C3923, C3924, C3925, C3926, C3927, C3928, C3929, C3930, C3931, C3932, C3933, C3934, C3935, C3936, C3937, C3938, C3939, C3940, C3941, C3942, C3943, C3944, C3945, C3946, C3947, C3948, C3949, C3950, C3951, C3952, C3953, C3954, C3955, C3956, C3957, C3958, C3959, C3960, C3961, C3962, C3963, C3964, C3965, C3966, C3967, C3968, C3969, C3970, C3971, C3972, C3973, C3974, C3975, C3976, C3977, C3978, C3979, C3980, C3981, C3982, C3983, C3984, C3985, C3986, C3987, C3988, C3989, C3990, C3991, C3992, C3993, C3994, C3995, C3996, C3997, C3998, C3999, C4000, C4001, C4002, C4003, C4004, C4005, C4006, C4007, C4008, C4009, C4010, C4011, C4012, C4013, C4014, C4015, C4016, C4017, C4018, C4019, C4020, C4021, C4022, C4023, C4024, C4025, C4026, C4027, C4028, C4029, C4030, C4031, C4032, C4033, C4034, C4035, C4036, C4037, C4038, C4039, C4040, C4041, C4042, C4043, C4044, C4045, C4046, C4047, C4048, C4049, C4050, C4051, C4052, C4053, C4054, C4055, C4056, C4057, C4058, C4059, C4060, C4061, C4062, C4063, C4064, C4065, C4066, C4067, C4068, C4069, C4070, C4071, C4072, C4073, C4074, C4075, C4076, C4077, C4078, C4079, C4080, C4081, C4082, C4083, C4084, C4085, C4086, C4087, C4088, C4089, C4090, C4091, C4092, C4093, C4094, C4095, C4096, C4097, C4098, C4099, C4100, C4101, C4102, C4103, C4104, C4105, C4106, C4107, C4108, C4109, C4110, C4111, C4112, C4113, C4114, C4115, C4116, C4117, C4118, C4119, C4120, C4121, C4122, C4123, C4124, C4125, C4126, C4127, C4128, C4129, C4130, C4131, C4132, C4133, C4134, C4135, C4136, C4137, C4138, C4139, C4140, C4141, C4142, C4143, C4144, C4145, C4146, C4147, C4148, C4149, C4150, C4151, C4152, C4153, C4154, C4155, C4156, C4157, C4158, C4159, C4160, C4161, C4162, C4163, C4164, C4165, C4166, C4167, C4168, C4169, C4170, C4171, C4172, C4173, C4174, C4175, C4176, C4177, C4178, C4179, C4180, C4181, C4182, C4183, C4184, C4185, C4186, C4187, C4188, C4189, C4190, C4191, C4192, C4193, C4194, C4195, C4196, C4197, C4198, C4199, C4200, C4201, C4202, C4203, C4204, C4205, C4206, C4207, C4208, C4209, C4210, C4211, C4212, C4213, C4214, C4215, C4216, C4217, C4218, C4219, C4220, C4221, C4222, C4223, C4224, C4225, C4226, C4227, C4228, C4229, C4230, C4231, C4232, C4233, C4234, C4235, C4236, C4237, C4238, C4239, C4240, C4241

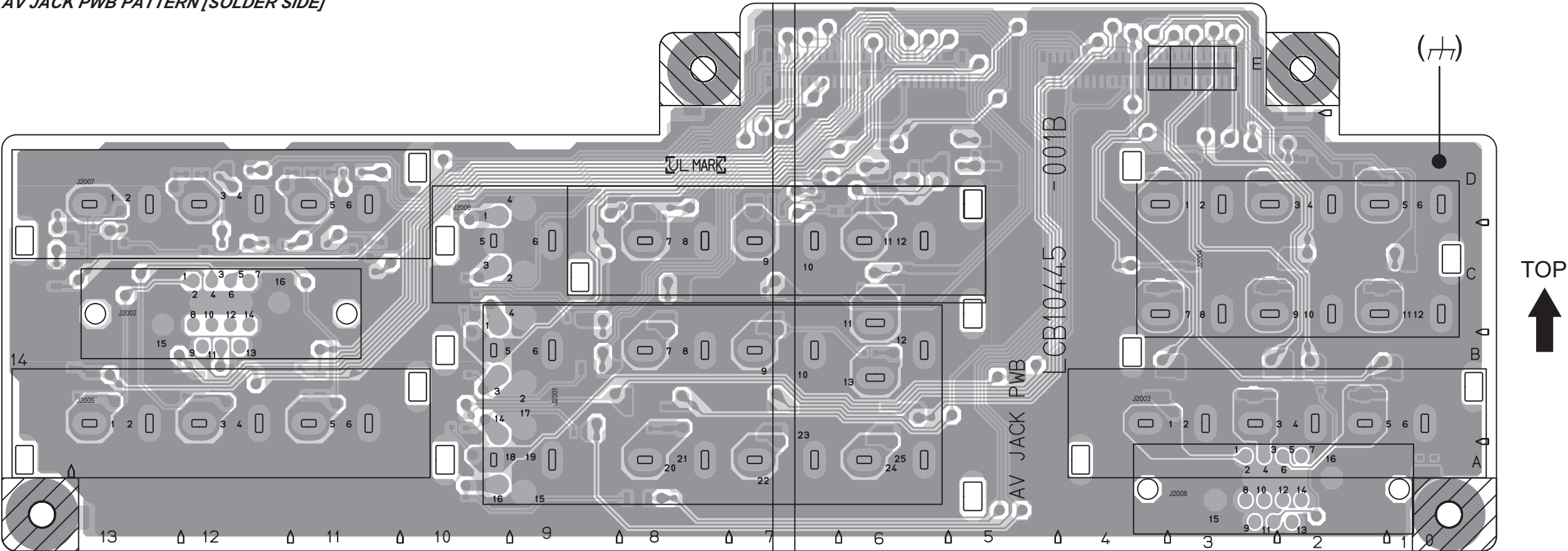
ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]



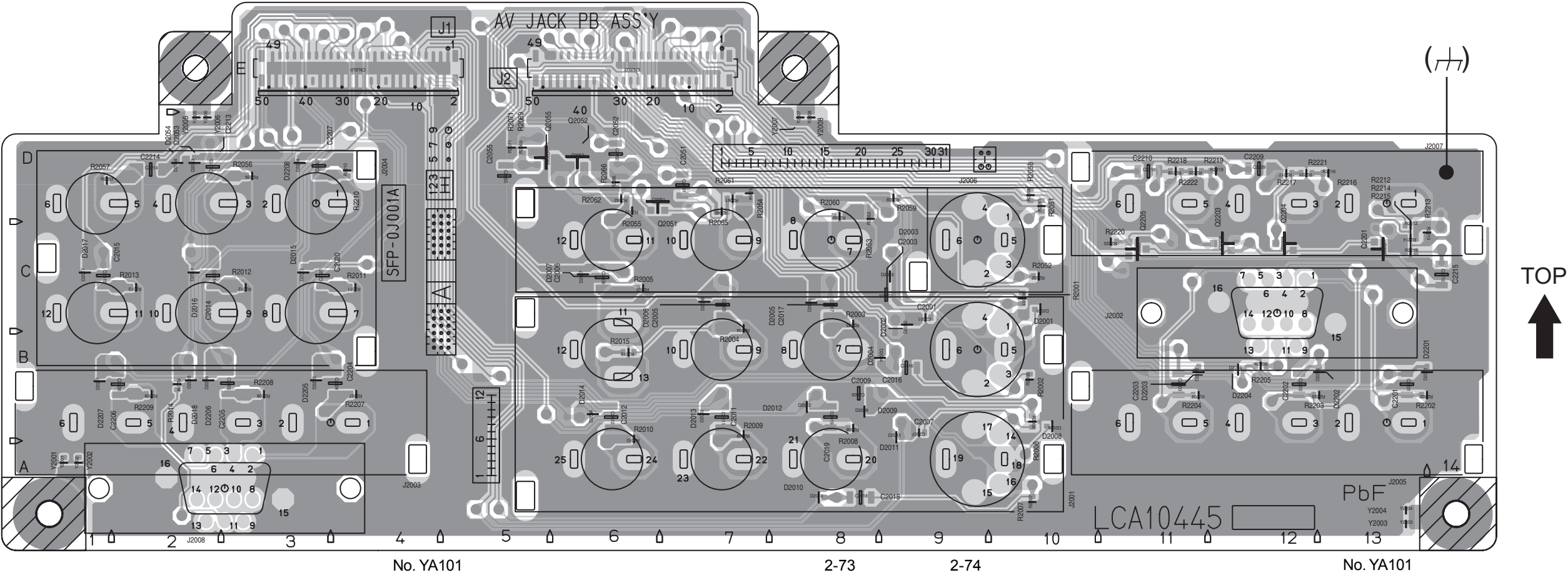
ANALOG SIGNAL PWB PATTERN [PARTS SIDE]

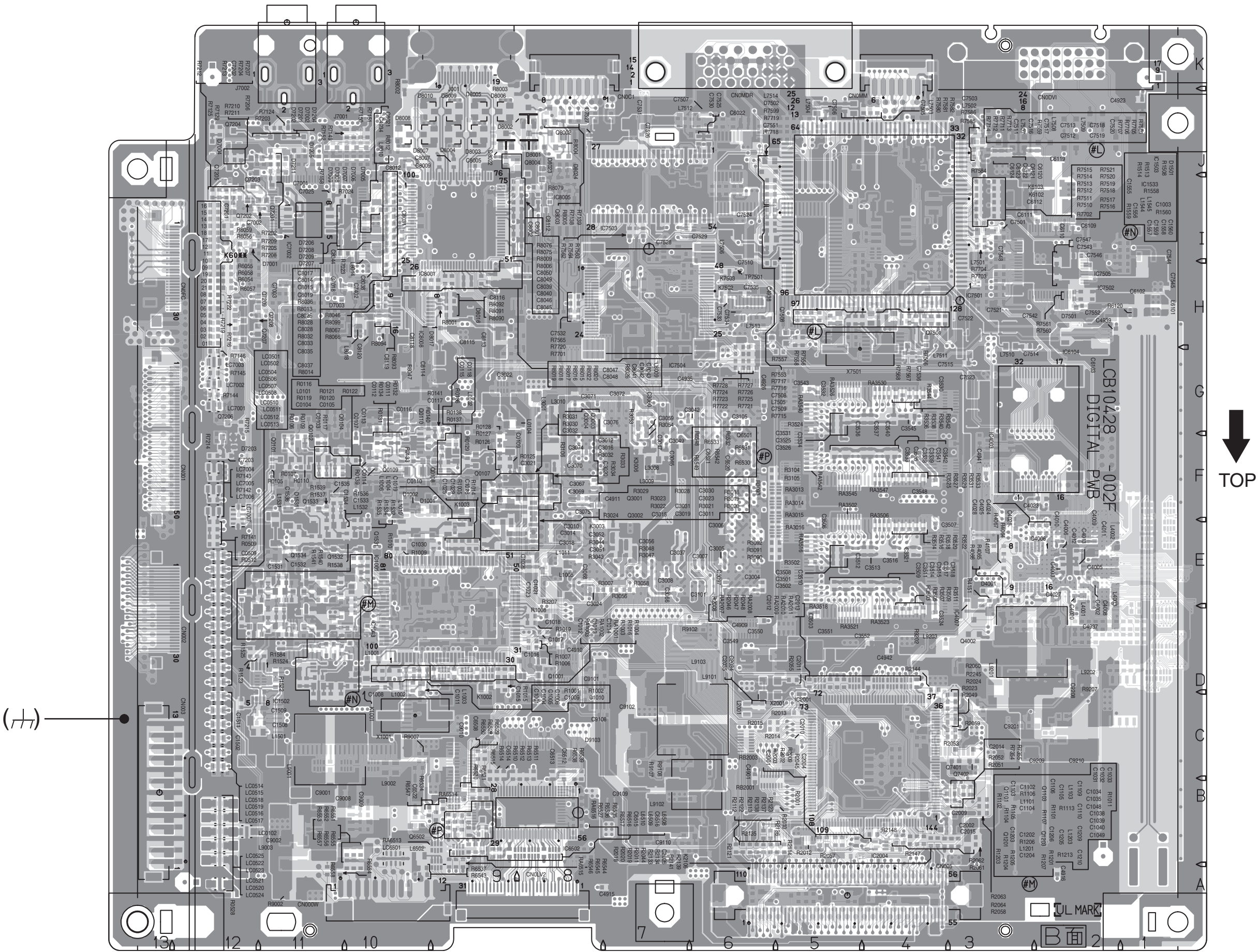


AV JACK PWB PATTERN [SOLDER SIDE]



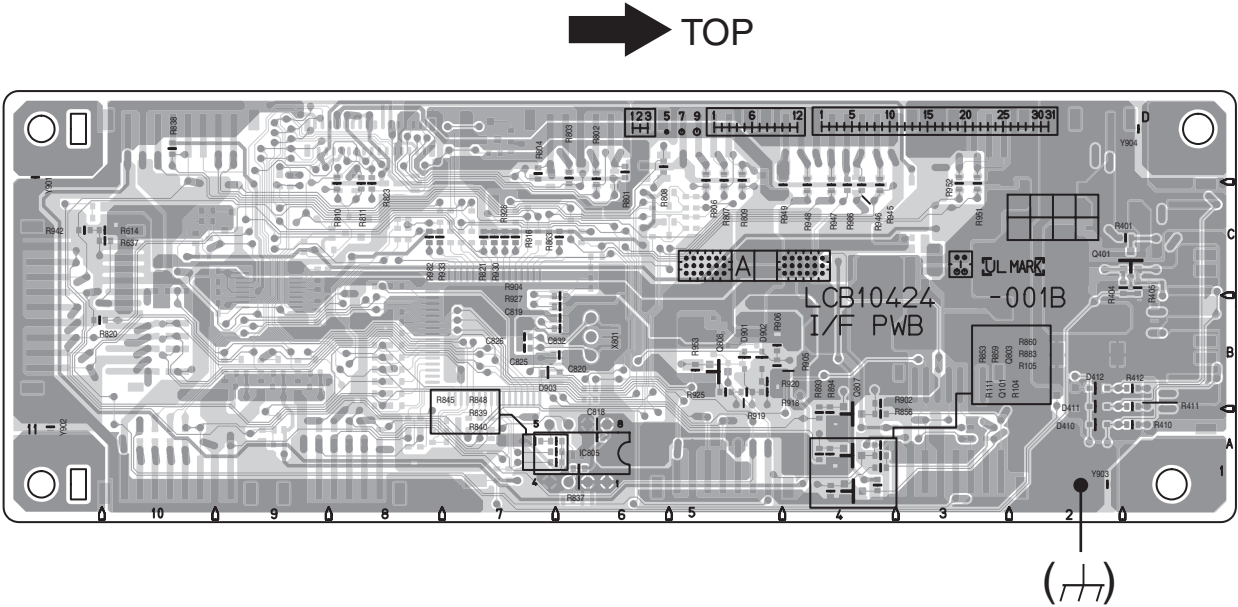
AV JACK PWB PATTERN [PARTS SIDE]



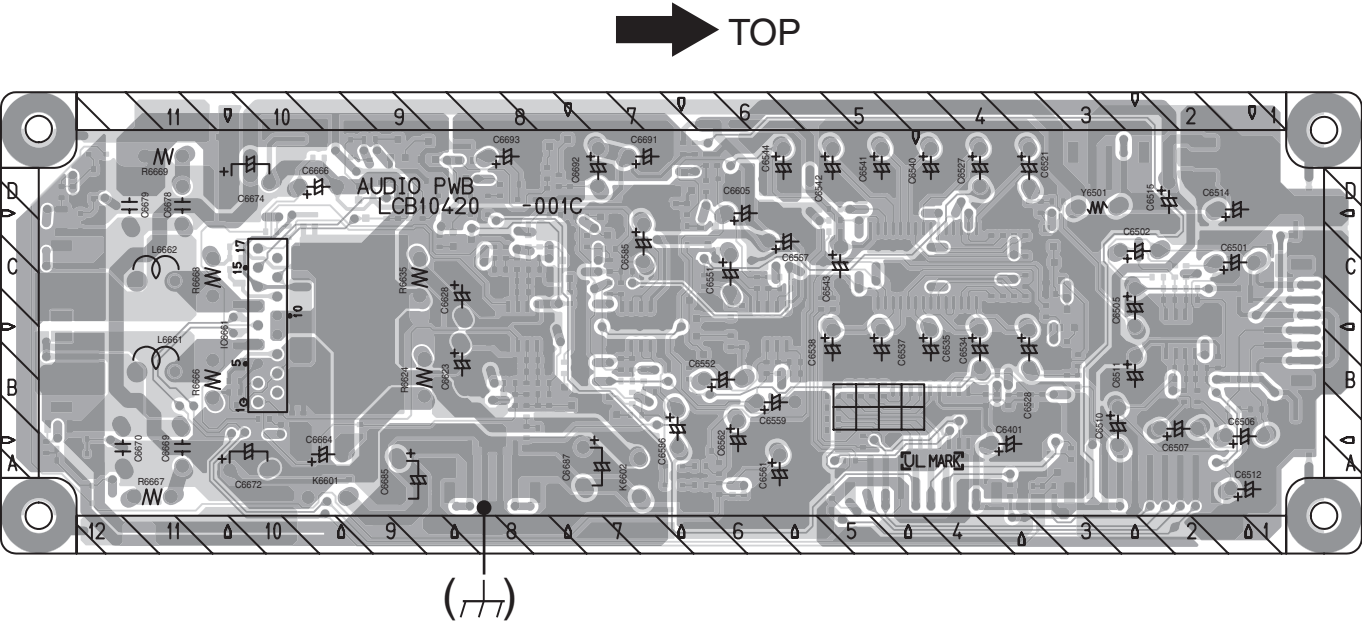




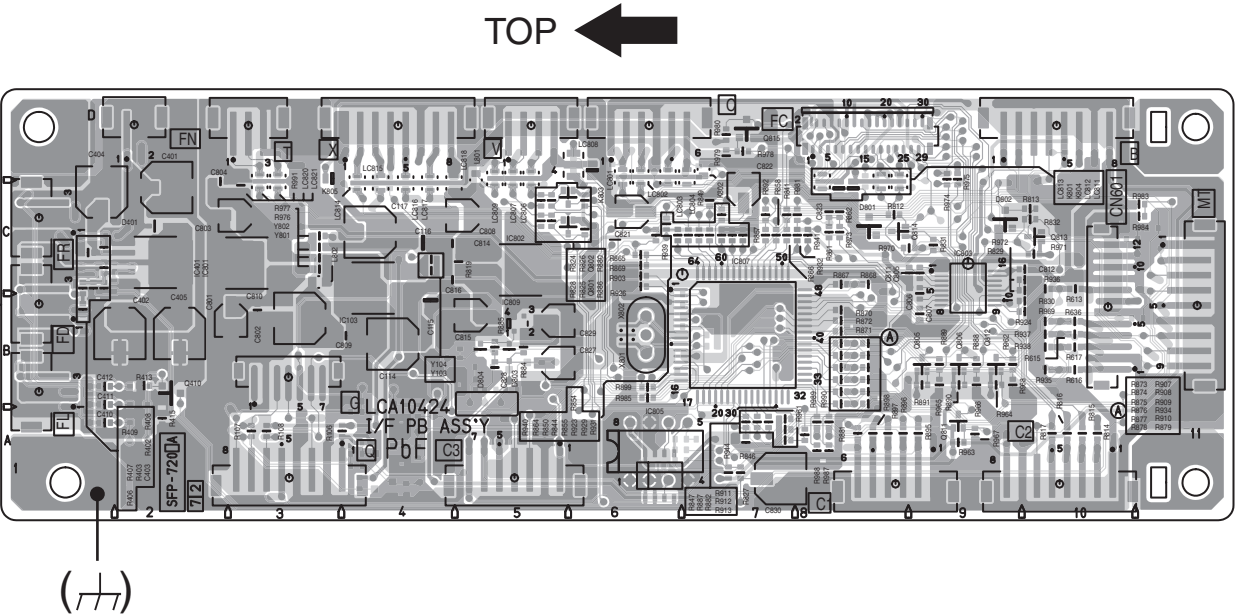
INTERFACE PWB PATTERN [SOLDER SIDE]



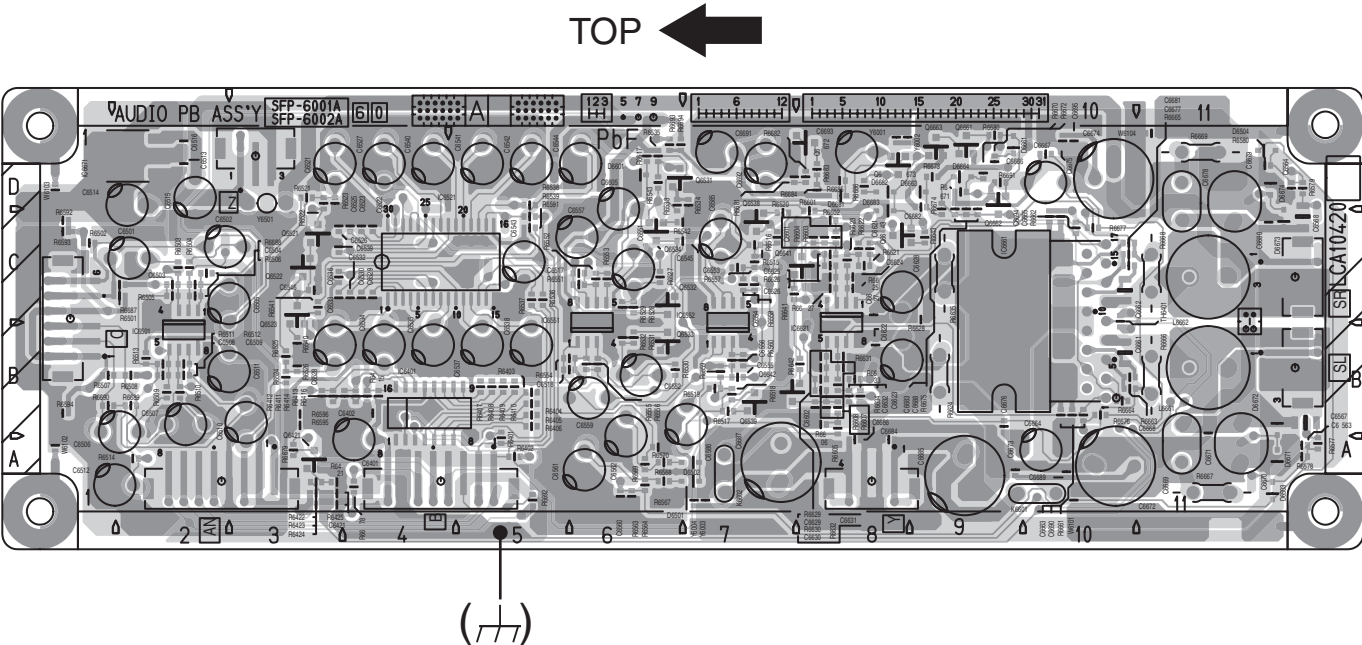
AUDIO PWB PATTERN [SOLDER SIDE]



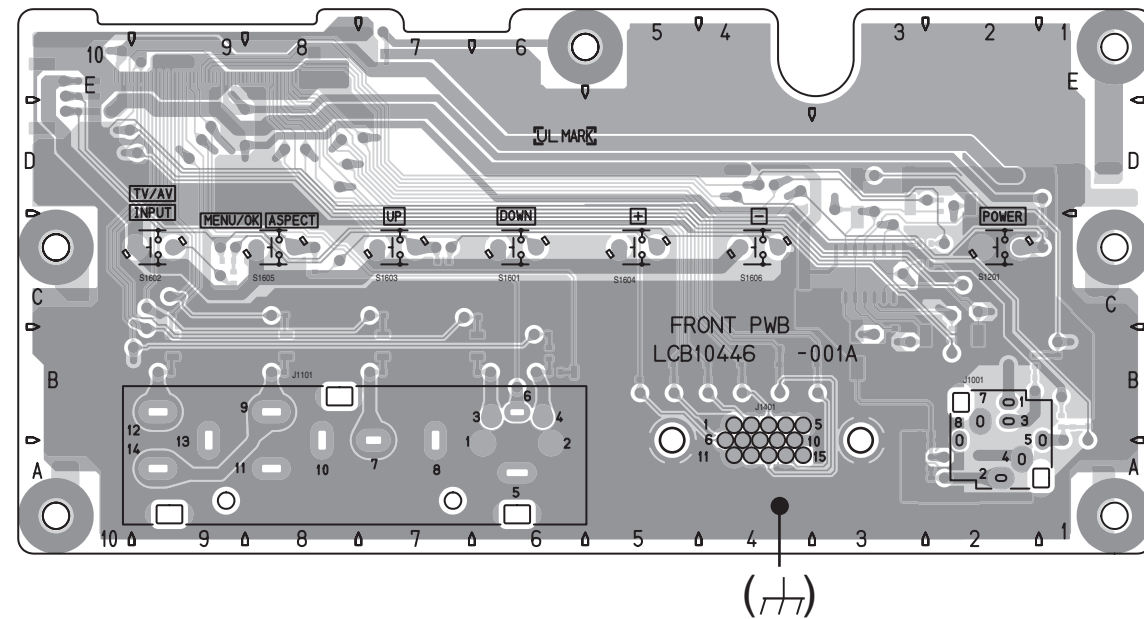
INTERFACE PWB PATTERN [PARTS SIDE]



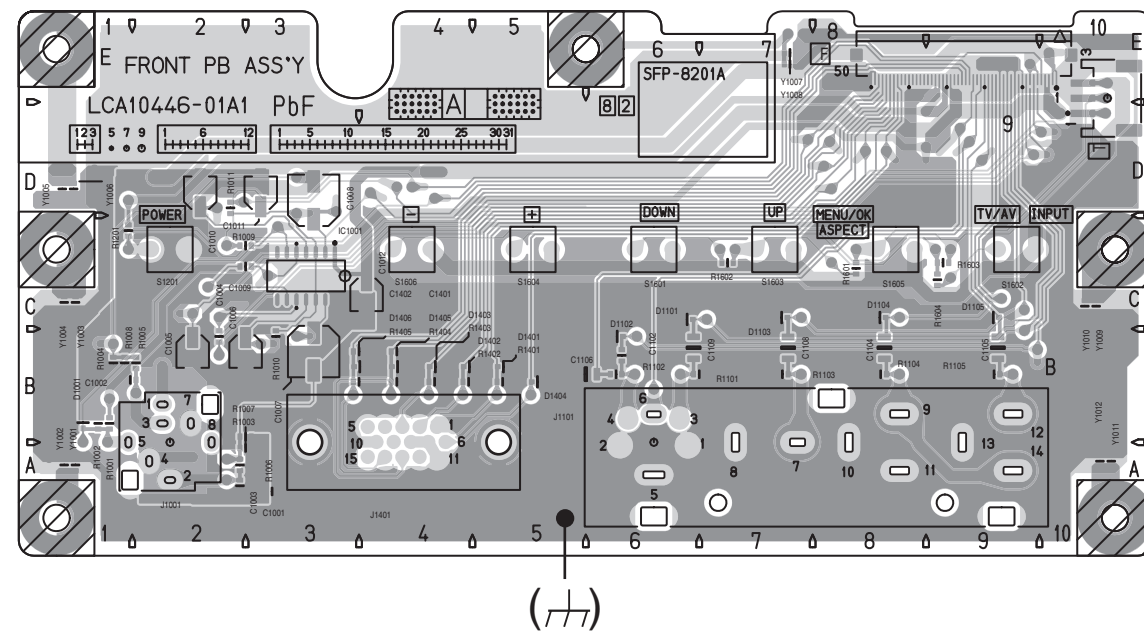
AUDIO PWB PATTERN [PARTS SIDE]



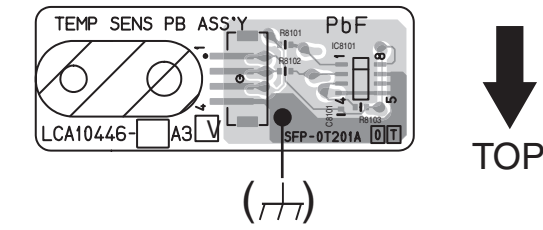
FRONT CONTROL PWB PATTERN [SOLDER SIDE]



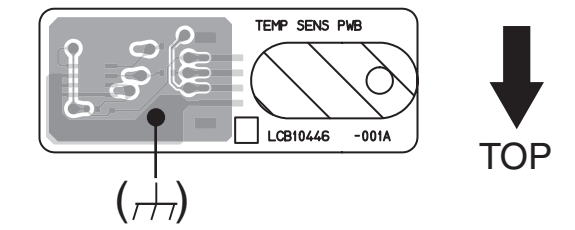
FRONT CONTROL PWB PATTERN [PARTS SIDE]



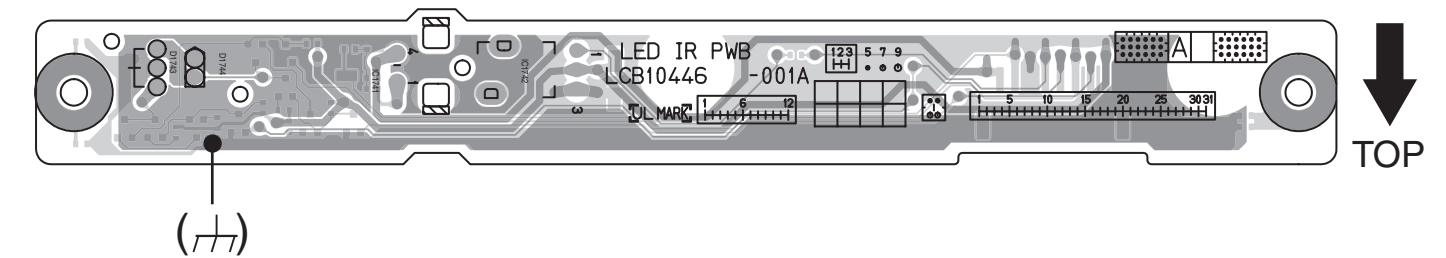
TEMP. SENSOR PWB PATTERN
[SOLDER SIDE]



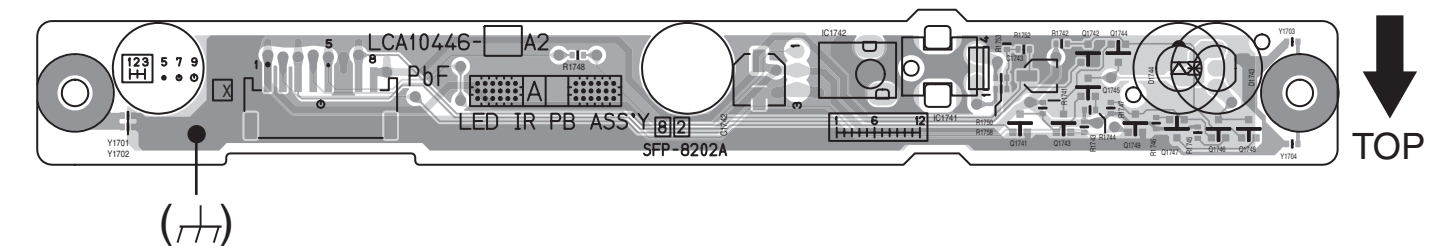
TEMP. SENSOR PWB PATTERN
[PARTS SIDE]



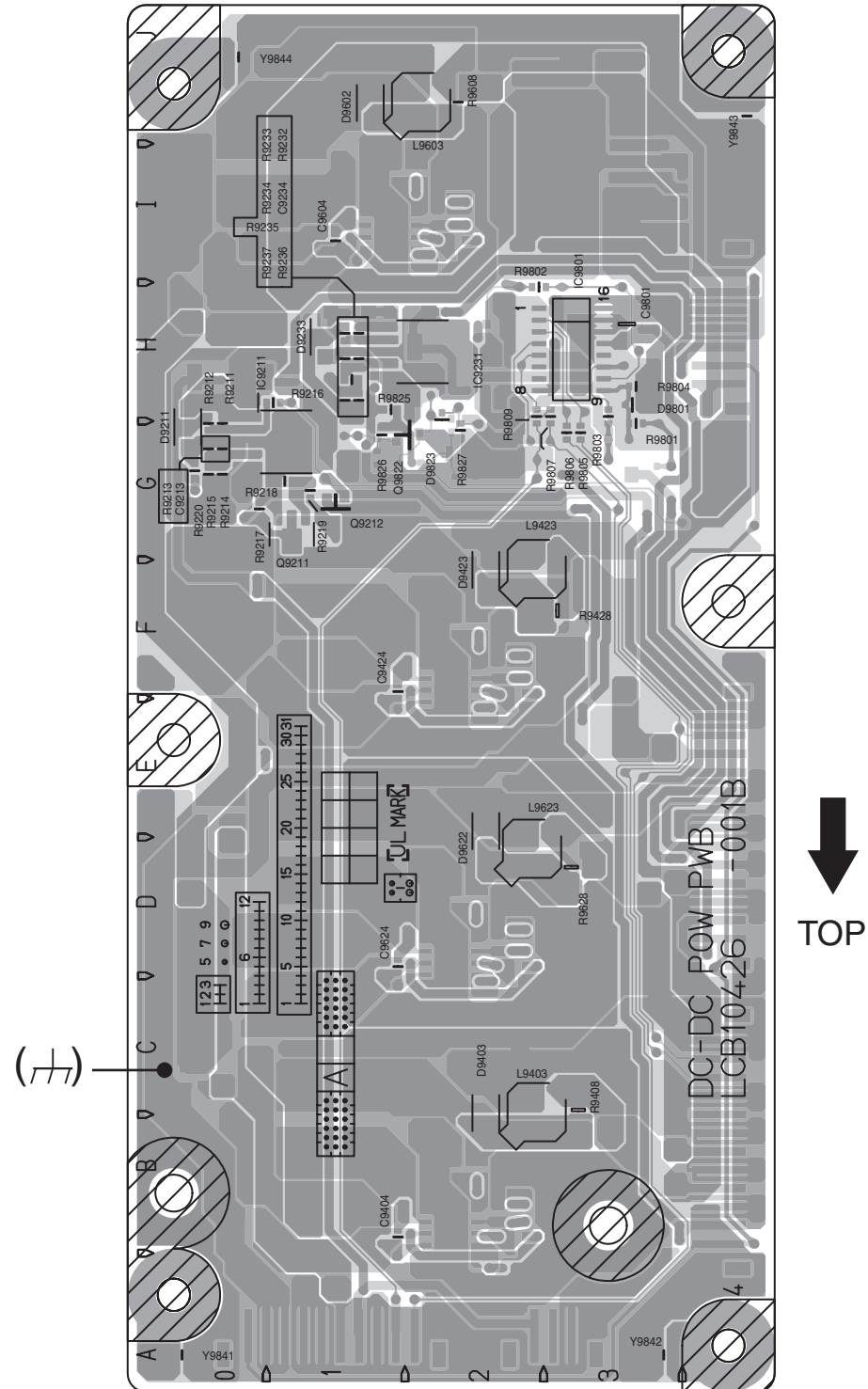
FRONT LED PWB PATTERN [SOLDER SIDE]



FRONT LED PWB PATTERN [PARTS SIDE]

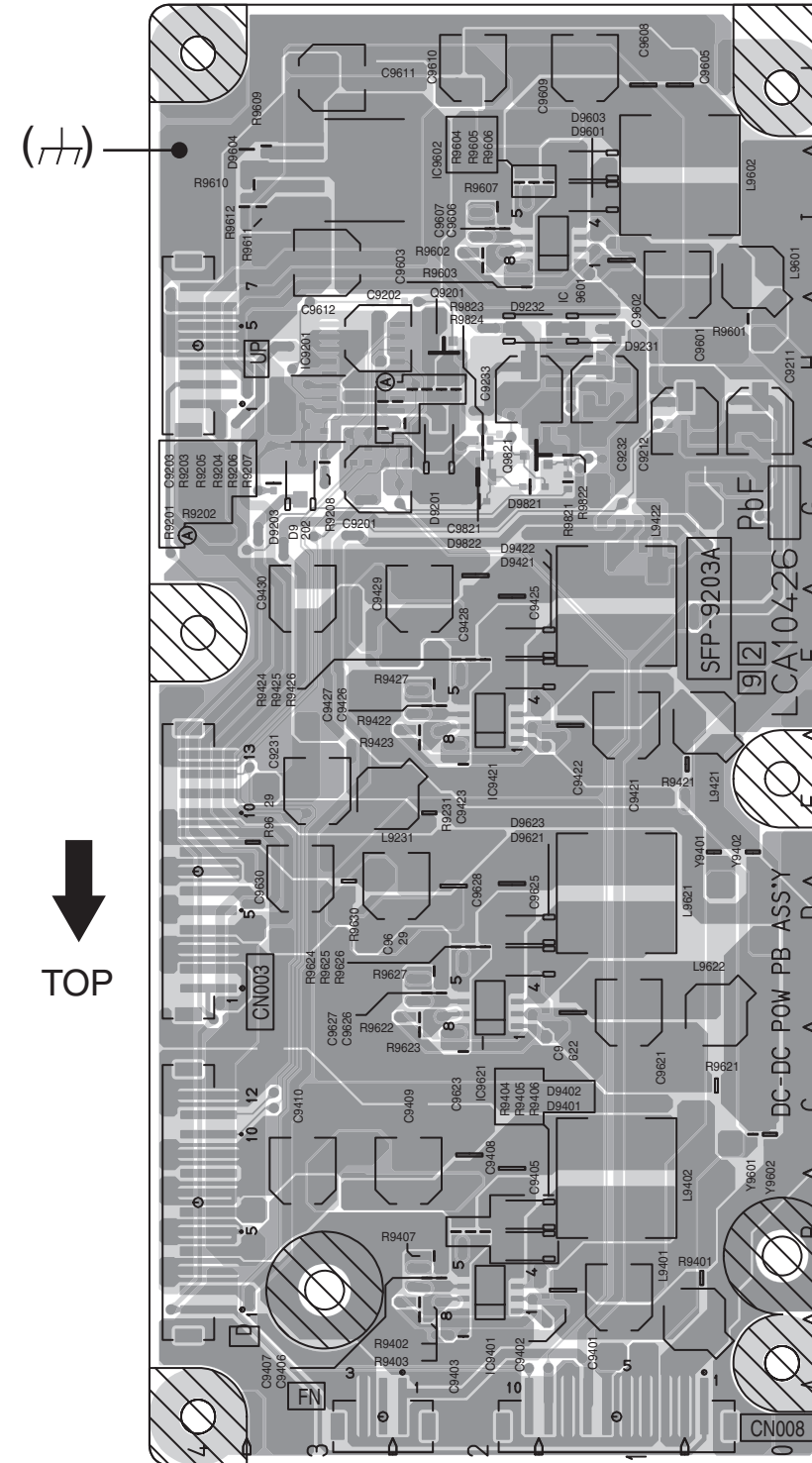


REGULATOR PWB PATTERN [SOLDER SIDE]



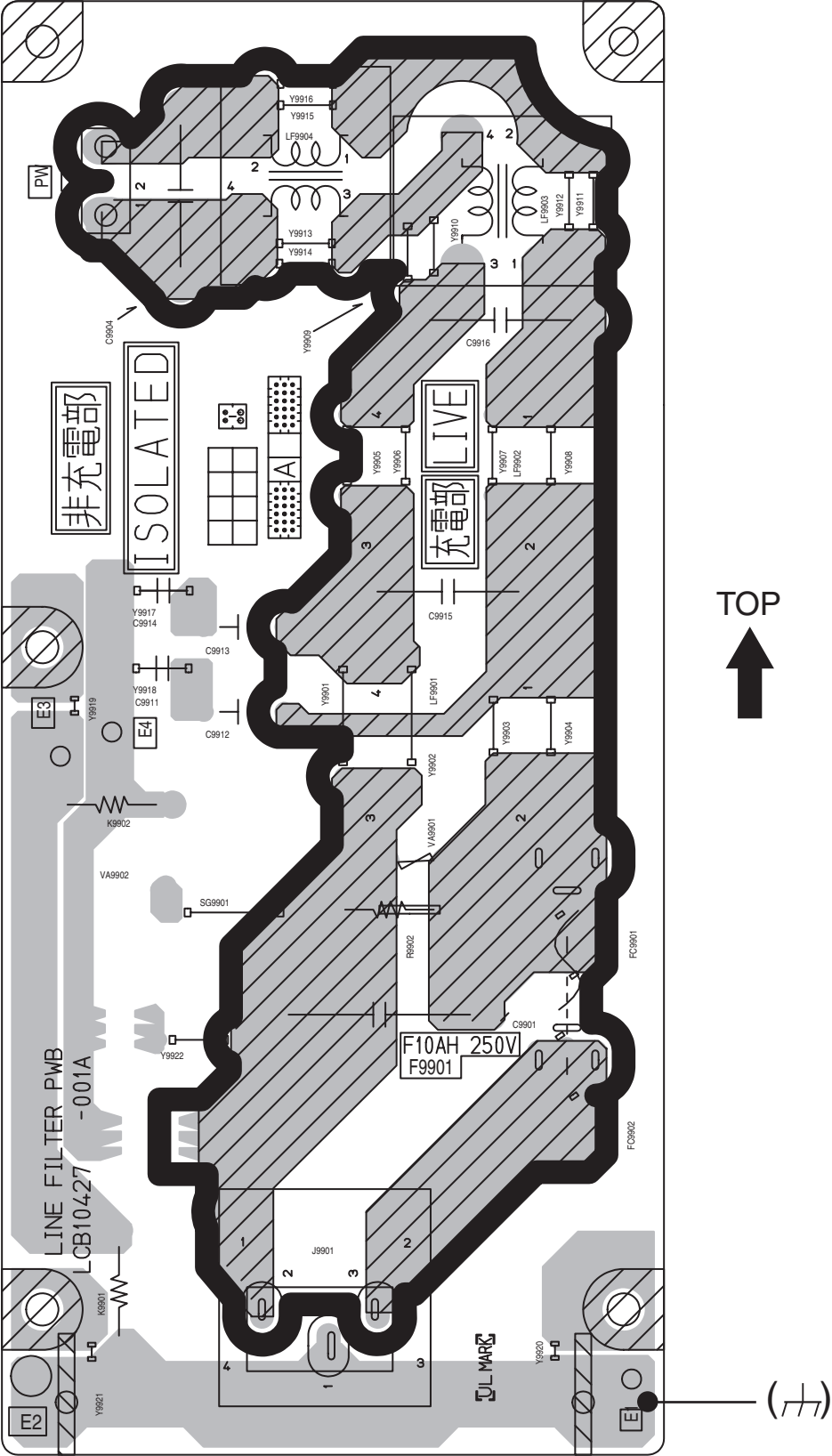
No. YA101

REGULATOR PWB PATTERN [PARTS SIDE]

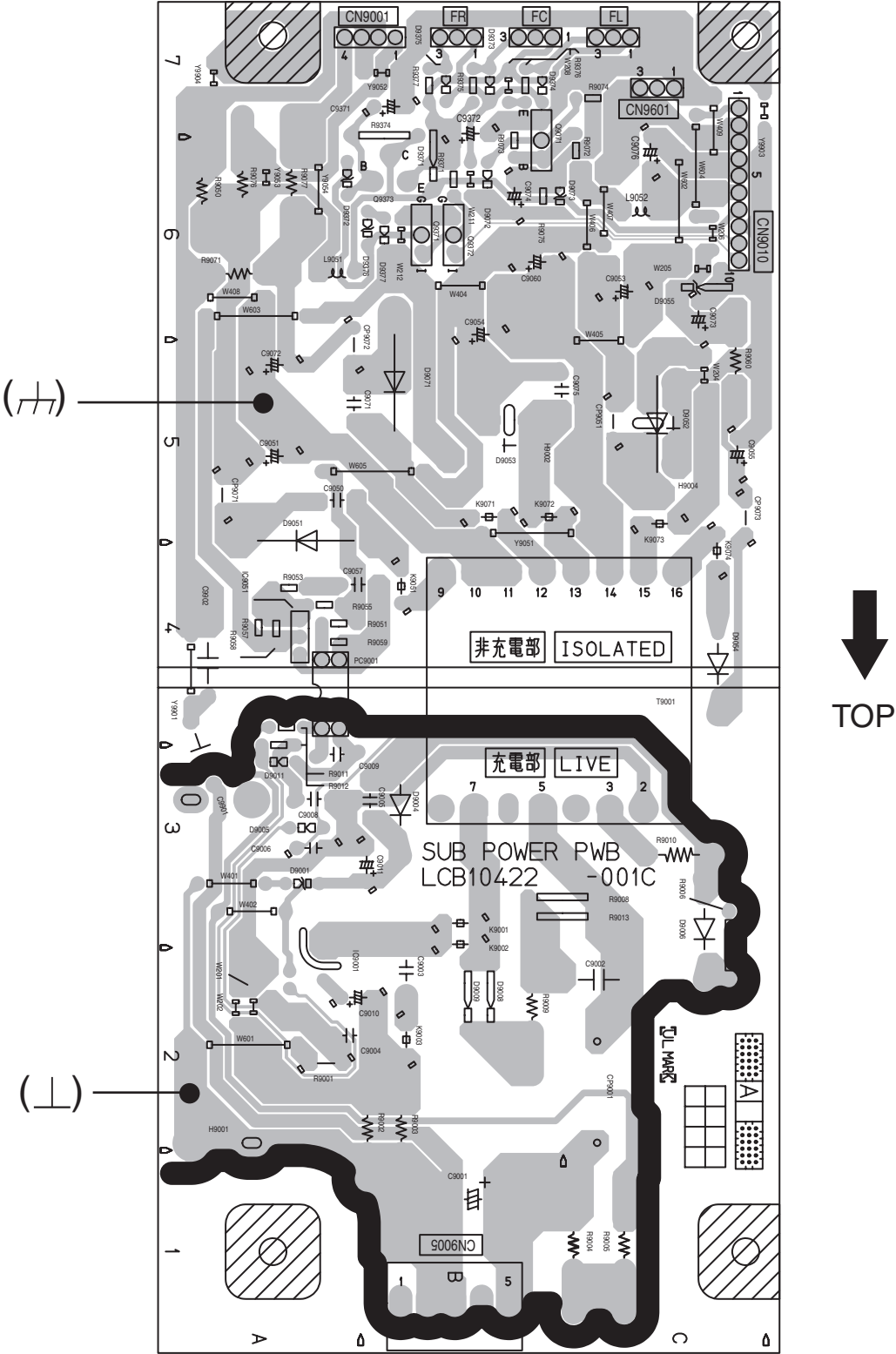


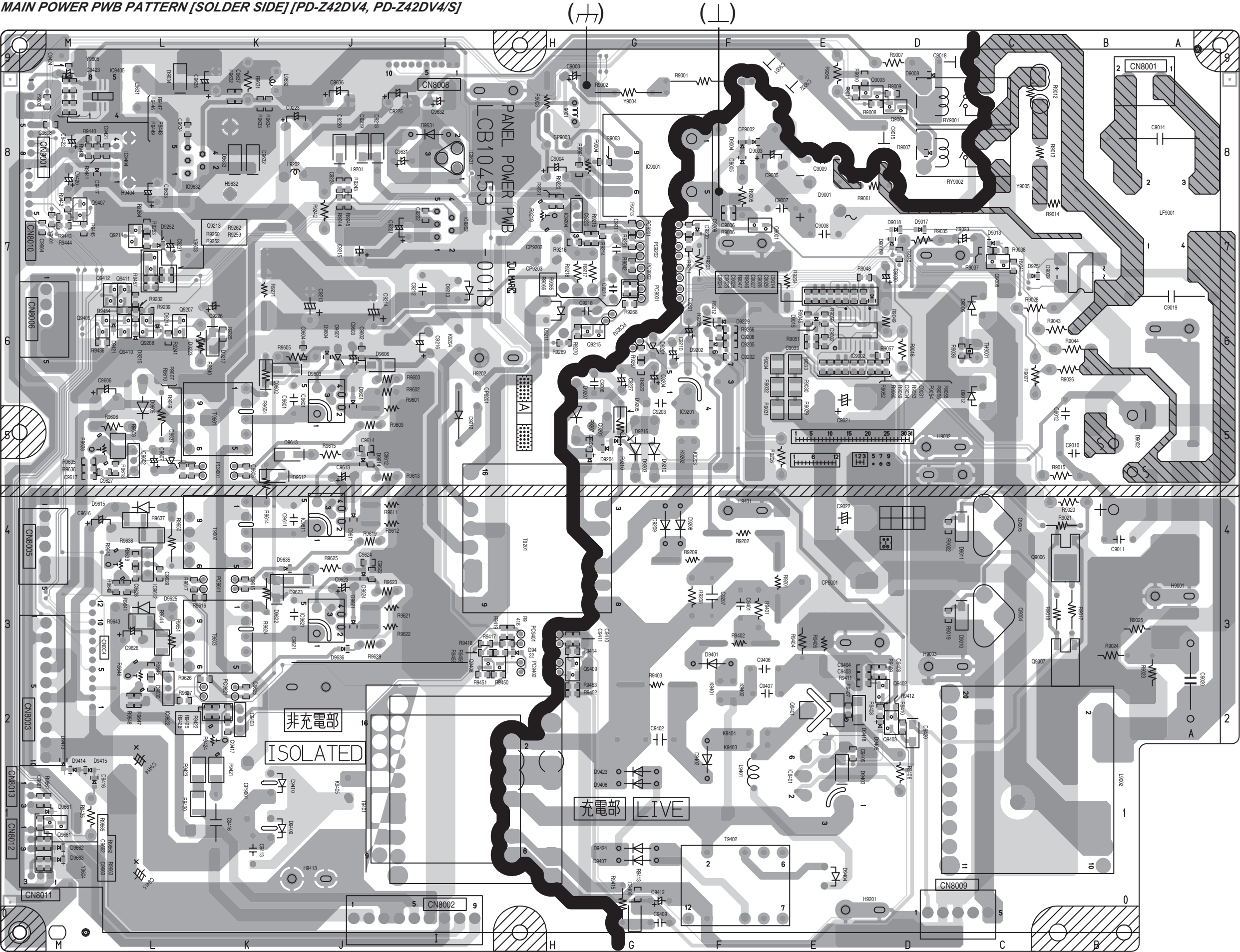
No. YA101

LINE FILTER PWB PATTERN



SUB POWER PWB PATTERN





TOP



VOLTAGE CHART

< RECEIVER PWB >

[P.2-7 – P.2-8]

PIN NO.	VOLTAGE(V)
IC3001	
3	4.8
4	0
5	5.0
6	0.5
7	0.8
8	3.9
9	0
10	5.0
11	5.0
12	3.4
13	2.4
14	2.0
15	31.4
16	0
17	1.7
IC3101	
1	0
2	4.9
3	4.9
4	0.1
5	5.0
6	0
7	0
8	0
9	0
10	0
11	0
12	5.0
13	5.0
14	5.0
15	0
IC3501	
1	5.0
2	1.5
3	1.4
4	0
5	2.3
6	2.3
7	2.4
8	0
9	0
10	2.5
11	5.0
12	4.7
13	4.7
14	2.5
15	2.5
16	0
17	2.4
18	2.4
19	5.0
20	0
21	2.3
22	5.0
23	0
33	8.0
34	7.0
35	0
36	3.7
37	3.7
38	3.7
39	0
40	3.7
41	3.7
42	2.6
43	3.7
44	0
IC3502	
1	4.4
2	4.5
3	4.4
4	0
5	4.4
6	4.4
7	4.4
8	8.9
IC3504	
1	8.9
2	0
3	8.0

< ANALOG SIGNAL PWB >

[P.2-13 – P.2-14]

PIN NO.	VOLTAGE(V)
IC501	
1	4.1
2	4.5
3	4.1
4	4.4
5	4.5
6	0.3
7	4.9
8	4.3
9	4.4
10	4.4
11	4.4
12	4.5
13	0.2
14	0
15	4.4
16	4.4
17	4.3
18	4.4
19	4.4
20	0
21	4.9
22	4.2
23	4.4
24	4.1
25	4.5
26	4.5
27	0
28	5.0
29	4.5
30	4.2
31	4.4
32	9.0
33	4.7
34	4.7
35	0
36	4.6
37	4.4
38	4.5
39	3.8
40	4.5
41	4.5
42	9.0
43	4.5
44	4.4
45	4.5
46	3.8
47	4.4
48	0
49	4.9
50	4.5
51	4.4
52	4.4
53	4.5
54	4.5
55	3.8
56	4.0
57	0
58	0
59	4.3
60	4.5
61	4.3
62	4.4
63	5.5
64	4.3
IC503	
1	2.9
2	3.0
3	9.1
4	4.3
5	0
6	9.0
Q508	
E	2.8
C	0
B	2.1
IC502	
1	4.4
2	4.5
3	4.4
4	0
5	4.4
6	4.4
7	4.4
8	8.9
IC3504	
1	8.9
2	0
3	8.0

PIN NO.	VOLTAGE(V)
IC801	
1	4.0
2	0
3	0
4	0.1
5	3.7
6	5.0
7	2.5
8	0
9	0.3
10	1.0
11	2.5
12	5.0
13	4.6
14	4.8
15	0.6
16	0
17	0
18	0
19	0
20	2.4
21	1.7
22	1.9
23	1.9
24	0
25	2.5
26	2.5
27	2.5
28	0
29	0
30	4.2
31	0
32	0
33	2.5
34	2.5
35	2.5
36	0
37	0
38	0
39	4.0
40	1.7
41	3.1
42	4.6
43	1.8
44	3.4
45	4.9
46	2.0
47	3.8
48	1.8
IC802	
1	1.3
2	3.0
3	4.8
4	2.4
5	0
6	1.8
7	4.6
8	0
9	0
10	0
11	4.7
12	0
13	4.8
14	0
15	4.8
16	4.6
17	0
18	0
19	2.3
20	4.8
21	0
22	2.7
23	2.6
24	3.3
25	3.3
26	0
27	3.3
28	1.6
IC803	
1	8.9
2	0
3	5.0
4	0.4
5	2.1
6	4.6
7	0.4
8	0
9	2.4
10	0
11	5.0
12	5.0
13	0
14	4.6
15	4.6

PIN NO.	VOLTAGE(V)
Q405	
S	3.0
D	3.3
G	4.9
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.5
C	0
B	2.0
Q810	
E	2.0
C	0
B	1.4
Q851	
E	1.6
C	0
B	1.0
Q853	
E	2.0
C	8.9
B	2.6
Q854	
E	2.6
C	8.9
B	3.2
Q855	
E	1.8
C	0
B	1.2
Q858	
E	2.7
C	8.9
B	3.2
Q859	
E	3.2
C	0
B	2.7
Q862	
E	1.0
C	4.0
B	1.5
Q863	
E	3.4
C	5.0
B	4.0

PIN NO.	VOLTAGE(V)
IC201	
1	0.3
2	0.1
3	0
4	0
5	0
6	0
7	6.1
8	0
9	4.8
10	0
11	8.7
12	1.4
13	0
14	0
15	0.1
16	0
17	0
18	0
19	0.5
20	0
21	4.6
22	4.8
23	0
24	2.0
25	1.5
26	2.9
27	0
28	2.0
29	0.1
30	5.0
IC202	
1	0.5
2	0.5
3	0
4	0.2
5	3.2
IC301	
1	5.0
2	4.7
3	4.7
4	0
5	4.6
6	0
Q403	
S	3.0
D	3.1
G	4.7
Q404	
S	3.0
D	3.3
G	4.9

[P.2-15 – P.2-16]

PIN NO.	VOLTAGE(V)
IC711	
1	0
2	2.4
3	4.6
4	0.4
5	2.1
6	4.6
7	0.4
8	0
9	2.4
10	0
11	5.0
12	5.0
13	0
14	4.6
15	4.6

PIN NO.	VOLTAGE(V)
Q405	
S	3.0
D	3.3
G	4.9
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.5
C	0
B	2.0
Q810	
E	2.0
C	0
B	1.4
Q851	
E	1.6
C	0
B	1.0
Q853	
E	2.0
C	8.9
B	2.6
Q854	
E	2.6
C	8.9
B	3.2
Q855	
E	1.8
C	0
B	1.2
Q858	
E	2.7
C	8.9
B	3.2
Q859	
E	3.2
C	0
B	2.7
Q862	
E	1.0
C	4.0
B	1.5
Q863	
E	3.4
C	5.0
B	4.0

[P.2-17 – P.2-18]

PIN NO.	VOLTAGE(V)
IC201	
1	0.3
2	0.1
3	0
4	0
5	0
6	0
7	6.1
8	0
9	4.8
10	0
11	8.7
12	1.4
13	0
14	0
15	0.1
16	0
17	0
18	0
19	0.5
20	0
21	4.6
22	4.8
23	0
24	2.0
25	1.5
26	2.9
27	0
28	2.0
29	0.1
30	5.0
IC202	
1	0.5
2	0.5
3	0
4	0.2
5	3.2
IC301	
1	5.0
2	4.7
3	4.7
4	0
5	4.6
6	0

PIN NO.	VOLTAGE(V)
7	4.6
8	4.9
9	4.6
10	0.3
11	4.4
12	4.4
13	0
14	4.6
15	0
16	4.6
17	4.9
18	4.6
19	0.4
20	4.4
21	4.4
22	0
23	4.5
24	4.5
25	0
26	4.3
27	4.3
28	0
29	0
30	4.3
31	8.9
32	4.6
33	4.5
34	0
35	4.4
36	4.4
37	0
38	4.5
39	4.4
40	4.5
41	4.5
42	0
43	4.5
44	4.5
45	0
46	4.5
47	8.9
48	4.6
49	0
50	4.7
51	0
52	47.6
53	0.4
54	4.4
55	4.4
56	0
57	4.6
58	0
59	4.6
60	0
61	4.6
62	0.3
63	4.4
64	4.4
65	0
66	4.6
67	4.6
68	4.6
69	0
70	4.4
71	4.4
72	0
73	5.0
74	4.6
75	4.6
76	4.6
77	0
78	4.4
79	4.4
80	0
Q307	
E	2.7
C	0
B	2.2
QB611	
E	3.9
C	8.9
B	4.4
QB612	
E	3.9
C	9.0
B	4.4

< AV JACK PWB >

[P.2-23 – P.2-24]

PIN NO.	VOLTAGE(V)
Q2051	
E	0
C	0
B	-1.4
Q2052	
E	0
C	0
B	-1.2
Q2055	
E	0
C	-1.2
B	0
Q2201	
E	0
C	0
B	-0.4
Q2203	
E	0
C	0
B	-0.4
Q2204	
E	0
C	0
B	-0.4
Q2205	
E	0.4
C	-0.4
B	0

< DIGITAL SIGNAL PWB >

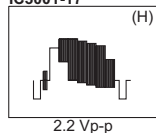
[P.2-25 – P.2-26]

PIN NO.	VOLTAGE[V]
IC1502	
1	4.4
2	0
3	4.4
4	0
5	3.7
6	8.8
7	3.7
8	0
[P2-27 ~ P2-28]	
PIN NO.	VOLTAGE[V]
IC0401	
1	3.2
2	0.2
3	0
4	3.1
5	3.3
Q0101	
E	3.7
C	7.7
B	4.4
Q0102	
E	8.5
C	4.4
B	7.7
Q0104	
E	5.2
C	0
B	4.5
Q0107	
E	1.5
C	0
B	0.9
Q0108	
E	0.8
C	9.0
B	1.5
Q0109	
1	1.5
2	0
3	1.4
4	1.5
5	0
6	1.5
Q0110	
1	0
2	0.5
3	0.6
4	0
5	0
6	0.2
Q0201	
E	3.7
C	7.7
B	4.5
Q0202	
E	8.5
C	4.9
B	7.7
Q0203	
E	0
C	1.9
B	0
Q0204	
E	5.6
C	0
B	4.9
Q0207	
E	2.4
C	0
B	1.9
Q0208	
E	1.8
C	9.0
B	2.4
Q0209	
1	2.4
2	0.1
3	2.4
4	2.4
5	0.1
6	2.4
Q0210	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1
Q0301	
E	3.7
C	7.7
B	4.4

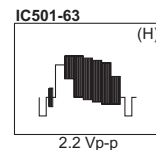
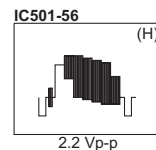
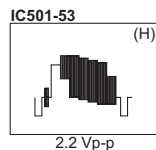
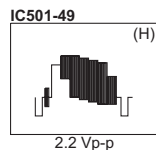
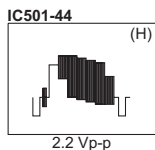
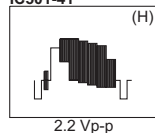
<INTERFACE PWB> [P.2-47 – P.2-48]		<AUDIO PWB> [P.2-51 – P.2-52]		<FRONT LED PWB> [P.2-55]		<MAIN POWER PWB> [P.2-61 – P.2-62]			
PIN NO.	VOLTAGE[V]	PIN NO.	VOLTAGE[V]	PIN NO.	VOLTAGE[V]	PIN NO.	VOLTAGE[V]	PIN NO.	VOLTAGE[V]
IC7505		IC801		Q806		IC1742		IC9001	
1	4.7	1	3.4	S	3.3	1	3.0	1	208.9
2	0	2	0	D	0	2	5.0	5	-18.1
3	1.2	3	5.0	G	0	3	0	6	-0.7
4	2.5	IC802		Q807		Q1741		7	-0.4
5	3.3	1	5.0	E	5.0	E	0	8	0
IC7506		2	0	C	4.9	C	4.9	9	5.6
1	0.2	3	3.4	B	4.3	B	0	IC9002	
2	3.2	IC805		Q811		Q1745		1	1.5
3	1.4	1	0	S	3.4	E	0	2	1.6
4	1.5	2	0	D	3.3	C	0	3	1.0
5	1.5	3	0	G	4.9	B	0	4	1.4
6	0	4	0	Q813		Q6534		5	1.9
7	0	5	5.0	S	3.3	E	0	6	1.7
8	0	6	5.0	D	3.2	C	0	7	0
9	0	7	0	G	4.9	B	0	8	5.5
10	0	8	5.0	Q814		Q6538		9	22.5
11	0	IC807		S	3.3	E	0	10	22.6
12	3.2	1	3.2	D	3.2	C	0	11	7.5
13	0.2	2	3.2	G	4.9	B	0.5	12	22.5
14	3.2	3	5.0	Q815		Q6539		13	5.0
15	3.2	4	3.1	E	0	E	0	14	0
16	3.3	5	0	C	5.0	C	0	15	1.5
IC9001		6	3.3	B	0	B	0.5	16	-0.1
1	7.8	7	5.0	[P.2-49 – P.2-50] PIN NO. VOLTAGE[V]		Q6641		Q9002	
2	17.9	8	0			E	0	E	0
3	3.2	9	0	IC103		C	0	C	0
4	0	10	2.3	1	5.0	B	-0.4	B	0.7
5	1.3	11	0	2	0	Q6642		Q9003	
6	1.0	12	5.0	3	5.6	E	0	E	0
7	4.6	13	0	Q101		C	0	C	0.7
8	0.2	14	0	E	0	B	-0.5	B	0
IC9101		15	5.0	C	0	Q6643		Q9004	
1	7.0	16	5.0	B	0.6	E	0	S	0
2	17.9	17	5.0	[P.2-53 – P.2-54] PIN NO. VOLTAGE[V]		C	-0.3	D	200.8
3	2.5	18	0			B	0	G	5.4
4	0	19	0	IC6551		IC9401		Q9005	
5	1.2	20	5.0	1	6.2	1	13.5	S	0
6	1.2	21	0	2	6.2	2	18.0	D	200.8
7	4.9	22	0	3	6.1	3	8.9	G	5.4
8	0.2	23	4.9	4	0	4	0	Q9006	
IC9201		24	4.9	5	6.2	5	1.2	E	5.4
1	6.2	25	5.0	6	6.2	6	1.4	C	22.1
2	17.9	26	4.6	7	6.2	7	4.3	B	5.4
3	1.4	27	4.7	8	11.9	8	0	Q9007	
4	0	28	0	IC6552		IC9621		E	5.4
5	1.2	29	0	1	6.2	1	9.9	C	-0.1
6	1.0	30	4.9	2	6.2	2	11.2	B	5.4
7	4.9	31	0	3	6.1	3	5.0	Q9008	
8	0.2	32	0	4	0	4	1.2	E	-0.1
Q7501		33	0	5	6.1	5	1.4	C	25.2
E	2.7	34	0	6	6.2	6	2.7	B	0
C	0	35	5.0	7	6.2	7	0	8	
B	2.1	36	5.0	8	11.9	8		IC9801	
Q7508		37	4.7	IC6621		IC9801		1	4.2
E	0	38	0	1	-7.2	1	4.2	2	4.3
C	0	39	4.9	2	0	2	4.3	3	4.9
B	1.9	40	5.0	3	0	3	4.9	4	0
		41	4.9	4	-13.7	4	0	5	0
		42	4.9	5	0	5	0	6	0
		43	5.0	6	0	6	0	7	0
		44	0	7	-7.3	7	0	8	0
		45	0	8	12.9	8	0	9	0
		46	0	IC6661		IC9801		10	0
		47	4.9	1	-7.3	1	0	11	0
		48	0	2	-7.6	2	0	12	0
		49	5.0	3	0.6	3	0	13	5.0
		50	5.0	4	0.6	4	0	14	0
		51	4.9	5	13.5	5	0	15	0
		52	4.9	6	12.0	6	0	16	0
		53	4.9	7	0	7	0	Q9211	
		54	0.3	8	-13.7	8	11.4	E	12.9
		55	0	9	-1.0	9	-0.3	C	13.5
		56	5.0	10	-13.6	10	0	B	13.5
		57	0	11	0	11	0	Q9212	
		58	1.4	12	12.0	12	0	E	0
		59	0	13	13.5	13	0	C	0
		60	0	14	0.6	14	0	B	4.9
		61	4.9	15	-3.2	15	0	Q9822	
		62	0.4	16	-7.6	16	0	E	0
		63	4.9	17	-7.2	17	0	C	0
		64	4.9	IC6671		18	11.8	B	0.6
		IC809		1	13.5				
		1	5.0	2	0				
		2	5.0	3	11.9				
		3	0	Q6521					
		4	0	E	0				
		Q803		C	0				
		E	5.0	B	0.5				
		C	5.0	Q6522					
		B	4.4	E	0				
		Q805		C	0				
		S	3.4	B	0.7				
		D	0	Q6523					
		G	0	E	0.8				
				C	0.7				
				B	0.1				

WAVEFORMS

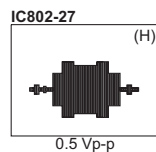
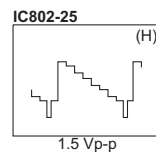
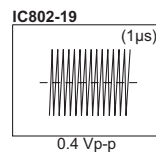
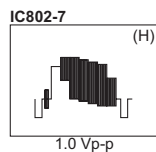
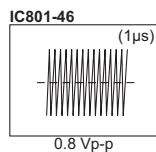
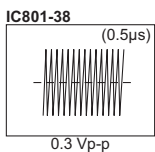
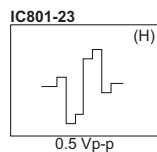
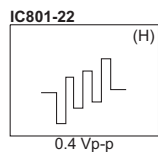
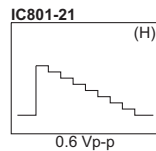
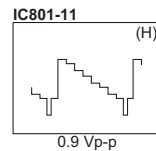
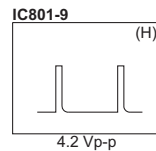
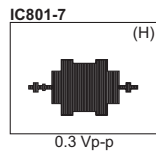
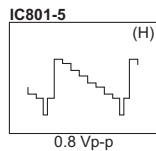
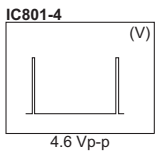
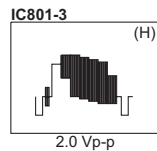
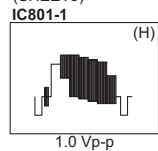
RECEIVER PWB
(SHEET1)
IC3001-17



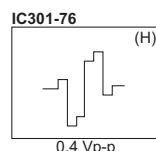
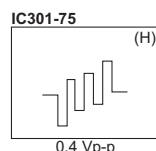
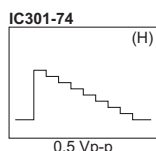
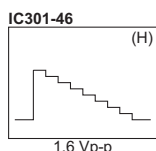
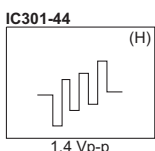
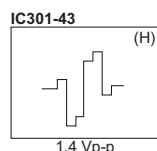
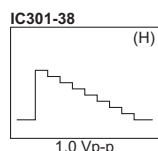
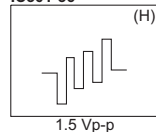
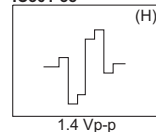
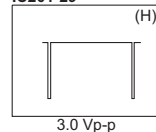
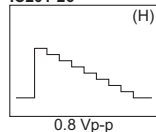
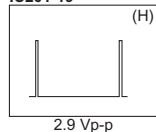
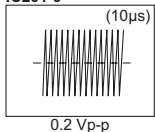
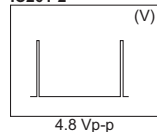
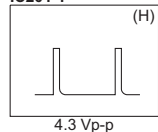
ANALOG SIGNAL PWB (1/5)
(SHEET2)
IC501-41



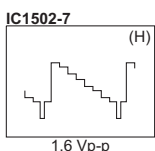
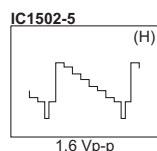
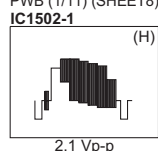
ANALOG SIGNAL PWB (2/5)
(SHEET3)



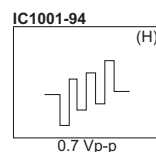
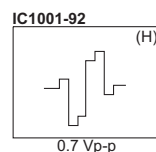
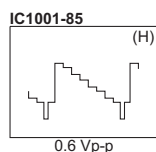
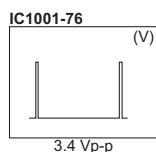
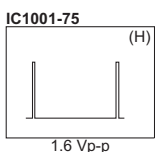
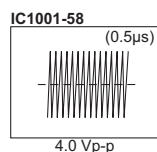
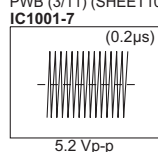
ANALOG SIGNAL PWB (3/5) (SHEET4)



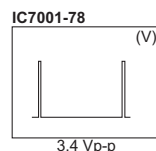
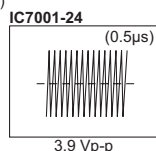
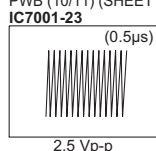
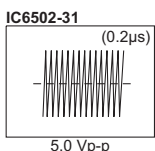
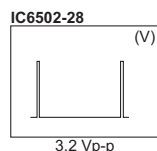
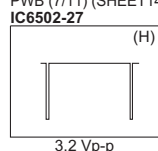
DIGITAL SIGNAL PWB (1/11) (SHEET8)



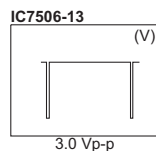
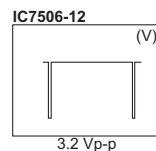
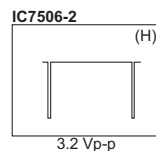
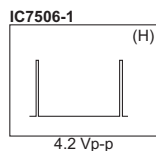
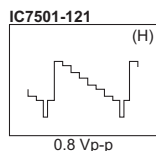
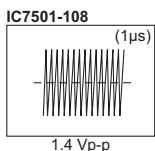
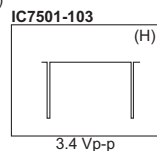
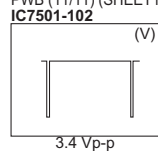
DIGITAL SIGNAL PWB (3/11) (SHEET10)



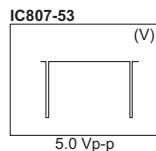
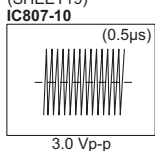
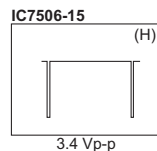
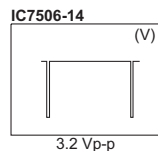
DIGITAL SIGNAL PWB (7/11) (SHEET14)



DIGITAL SIGNAL PWB (11/11) (SHEET18)



INTERFACE PWB (1/2)
(SHEET19)





Victor Company of Japan, Limited

AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

(No. YA101)



Printed in Japan
WPC

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

CONTENTS

■PD-Z42DV4, PD-Z42DV4/S

USING P.W. BOARD & REMOTE CONTROL UNIT	3-4
EXPLODED VIEW PARTS LIST - 1	3-4
EXPLODED VIEW - 1	3-5
EXPLODED VIEW PARTS LIST - 2	3-6
EXPLODED VIEW - 2	3-7
EXPLODED VIEW PARTS LIST - 3	3-8
EXPLODED VIEW - 3	3-9
EXPLODED VIEW PARTS LIST - 4	3-10
EXPLODED VIEW - 4	3-11

PRINTED WIRING BOARD PARTS LIST [PD-Z42DV4]	3-12
RECEIVER P.W. BOARD ASS'Y (SFP-0F301A) (LCA10476-01C)	3-12
ANALOG SIGNAL P.W. BOARD ASS'Y (SFP-0A301A) (LCA10423-06B)	3-12
AV JACK P.W. BOARD ASS'Y (SFP-0J301A) (LCA10445-02B)	3-15
DIGITAL SIGNAL P.W. BOARD ASS'Y (SFP-0D301A) (LCA10428-08F)	3-15
INTERFACE P.W. BOARD ASS'Y (SFP-7301A) (LCA10424-06B)	3-21
AUDIO P.W. BOARD ASS'Y (SFP-6003A) (LCA10420-03C)	3-22
FRONT CONTROL P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)	3-23
FRONT LED P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)	3-24
TEMP. SENSOR P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)	3-24
REGULATOR P.W. BOARD ASS'Y (SFP-9203A) (LCA10426-01B)	3-24
LINE FILTER P.W. BOARD ASS'Y (SFP-9303A) (LCA10427-06A)	3-24
MAIN POWER P.W. BOARD ASS'Y (SFP-9301A) (LCA10453-05B)	3-25
SUB POWER P.W. BOARD ASS'Y (SFP-9104A) (LCA10422-02C)	3-27
X-MAIN P.W. BOARD ASS'Y (LJ92-00943A)	3-27
Y-MAIN P.W. BOARD ASS'Y (LJ92-00944B)	3-27
E-BUFFER P.W. BOARD ASS'Y (LJ92-00811A)	3-27
F-BUFFER P.W. BOARD ASS'Y (LJ92-00812A)	3-27
G-BUFFER P.W. BOARD ASS'Y (LJ92-00813A)	3-27
LOGIC-MAIN P.W. BOARD ASS'Y (LJ92-00975A)	3-28
Y-BUFFER-U P.W. BOARD ASS'Y (LJ9200796A)	3-28
Y-BUFFER-L P.W. BOARD ASS'Y (LJ9200797A)	3-28

PRINTED WIRING BOARD PARTS LIST [PD-Z42DV4/S]	3-29
RECEIVER P.W. BOARD ASS'Y (SFP-0F301A) (LCA10476-01C)	3-29
ANALOG SIGNAL P.W. BOARD ASS'Y (SFP-0A301A) (LCA10423-06B)	3-29
AV JACK P.W. BOARD ASS'Y (SFP-0J301A) (LCA10445-02B)	3-29
DIGITAL SIGNAL P.W. BOARD ASS'Y (SFP-0D302A) (LCA10428-09F)	3-29
INTERFACE P.W. BOARD ASS'Y (SFP-7302A) (LCA10424-07B)	3-34
AUDIO P.W. BOARD ASS'Y (SFP-6003A) (LCA10420-03C)	3-35
FRONT CONTROL P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)	3-35
FRONT LED P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)	3-35
TEMP. SENSOR P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)	3-35
REGULATOR P.W. BOARD ASS'Y (SFP-9203A) (LCA10426-01B)	3-35
LINE FILTER P.W. BOARD ASS'Y (SFP-9303A) (LCA10427-06A)	3-36
MAIN POWER P.W. BOARD ASS'Y (SFP-9301A) (LCA10453-05B)	3-36
SUB POWER P.W. BOARD ASS'Y (SFP-9104A) (LCA10422-02C)	3-36
X-MAIN P.W. BOARD ASS'Y (LJ92-00943A)	3-36
Y-MAIN P.W. BOARD ASS'Y (LJ92-00944B)	3-36
E-BUFFER P.W. BOARD ASS'Y (LJ92-00811A)	3-36
F-BUFFER P.W. BOARD ASS'Y (LJ92-00812A)	3-36
G-BUFFER P.W. BOARD ASS'Y (LJ92-00813A)	3-36
LOGIC-MAIN P.W. BOARD ASS'Y (LJ92-00975A)	3-36
Y-BUFFER-U P.W. BOARD ASS'Y (LJ9200796A)	3-36
Y-BUFFER-L P.W. BOARD ASS'Y (LJ9200797A)	3-36

REMOTE CONTROL UNIT PARTS LIST (RM-C1830-1C)	3-36
PACKING PARTS LIST	3-36
PACKING	3-37

■PD-Z35DV4, PD-Z35DV4/S

USING P.W. BOARD & REMOTE CONTROL UNIT	3-38
EXPLODED VIEW PARTS LIST - 1	3-38
EXPLODED VIEW - 1	3-39
EXPLODED VIEW PARTS LIST - 2	3-40
EXPLODED VIEW - 2	3-41
EXPLODED VIEW PARTS LIST - 3	3-42
EXPLODED VIEW - 3	3-43
EXPLODED VIEW PARTS LIST - 4	3-44
EXPLODED VIEW - 4	3-45

PRINTED WIRING BOARD PARTS LIST [PD-Z35DV4]	3-46
RECEIVER P.W. BOARD ASS'Y (LCA10476-01C) (SFP-0F301A)	3-46
ANALOG SIGNAL P.W. BOARD ASS'Y (LCA10423-06B) (SFP-0A301A)	3-46
AV JACK P.W. BOARD ASS'Y (LCA10445-02B) (SFP-0J301A)	3-46
DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10428-11F) (SFP-0D304A)	3-46
INTERFACE P.W. BOARD ASS'Y (LCA10424-09B) (SFP-7304A)	3-51
AUDIO P.W. BOARD ASS'Y (LCA10420-07C) (SFP-6007A)	3-52
FRONT CONTROL P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)	3-54
FRONT LED P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)	3-54
TEMP. SENSOR P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)	3-54
REGULATOR P.W. BOARD ASS'Y (LCA10426-01B) (SFP-9203A)	3-54
LINE FILTER P.W. BOARD ASS'Y (LCA10427-06A) (SFP-9303A)	3-54
SUB POWER P.W. BOARD ASS'Y (LCA10422-02C) (SFP-9104A)	3-54
PANEL POWER P.W. BOARD ASS'Y (NE-9S899437)	3-54
SCANNING DRIVE P.W. BOARD ASS'Y (NE-9S899376)	3-54
BRIDGE P.W. BOARD ASS'Y (NE-9S899594)	3-54
COMMON DRIVE P.W. BOARD ASS'Y (NE-9S899382)	3-54
SIGNAL DRIVE-L P.W. BOARD ASS'Y (NE-9S899510)	3-55
SIGNAL DRIVE-R P.W. BOARD ASS'Y (NE-9S899492)	3-55
LOGIC CONTROL P.W. BOARD ASS'Y (NE-9S899635)	3-55

PRINTED WIRING BOARD PARTS LIST [PD-Z35DV4/S]	3-56
RECEIVER P.W. BOARD ASS'Y (LCA10476-01C) (SFP-0F301A)	3-56
ANALOG SIGNAL P.W. BOARD ASS'Y (LCA10423-06B) (SFP-0A301A)	3-56
AV JACK P.W. BOARD ASS'Y (LCA10445-02B) (SFP-0J301A)	3-56
DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10428-12F) (SFP-0D305A)	3-56
INTERFACE P.W. BOARD ASS'Y (LCA10424-10B) (SFP-7305A)	3-61
AUDIO P.W. BOARD ASS'Y (LCA10420-07C) (SFP-6007A)	3-62
FRONT CONTROL P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)	3-62
FRONT LED P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)	3-63
TEMP. SENSOR P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)	3-63
REGULATOR P.W. BOARD ASS'Y (LCA10426-01B) (SFP-9203A)	3-63
LINE FILTER P.W. BOARD ASS'Y (LCA10427-06A) (SFP-9303A)	3-63
SUB POWER P.W. BOARD ASS'Y (LCA10422-02C) (SFP-9104A)	3-63
PANEL POWER P.W. BOARD ASS'Y (NE-9S899437)	3-63
SCANNING DRIVE P.W. BOARD ASS'Y (NE-9S899376)	3-63
BRIDGE P.W. BOARD ASS'Y (NE-9S899594)	3-63
COMMON DRIVE P.W. BOARD ASS'Y (NE-9S899382)	3-63
SIGNAL DRIVE-L P.W. BOARD ASS'Y (NE-9S899510)	3-63
SIGNAL DRIVE-R P.W. BOARD ASS'Y (NE-9S899492)	3-63
LOGIC CONTROL P.W. BOARD ASS'Y (NE-9S899635)	3-63

REMOTE CONTROL UNIT PARTS LIST (RM-C1830-1C)	3-64
PACKING PARTS LIST	3-64
PACKING	3-65

USING P.W. BOARD & REMOTE CONTROL UNIT

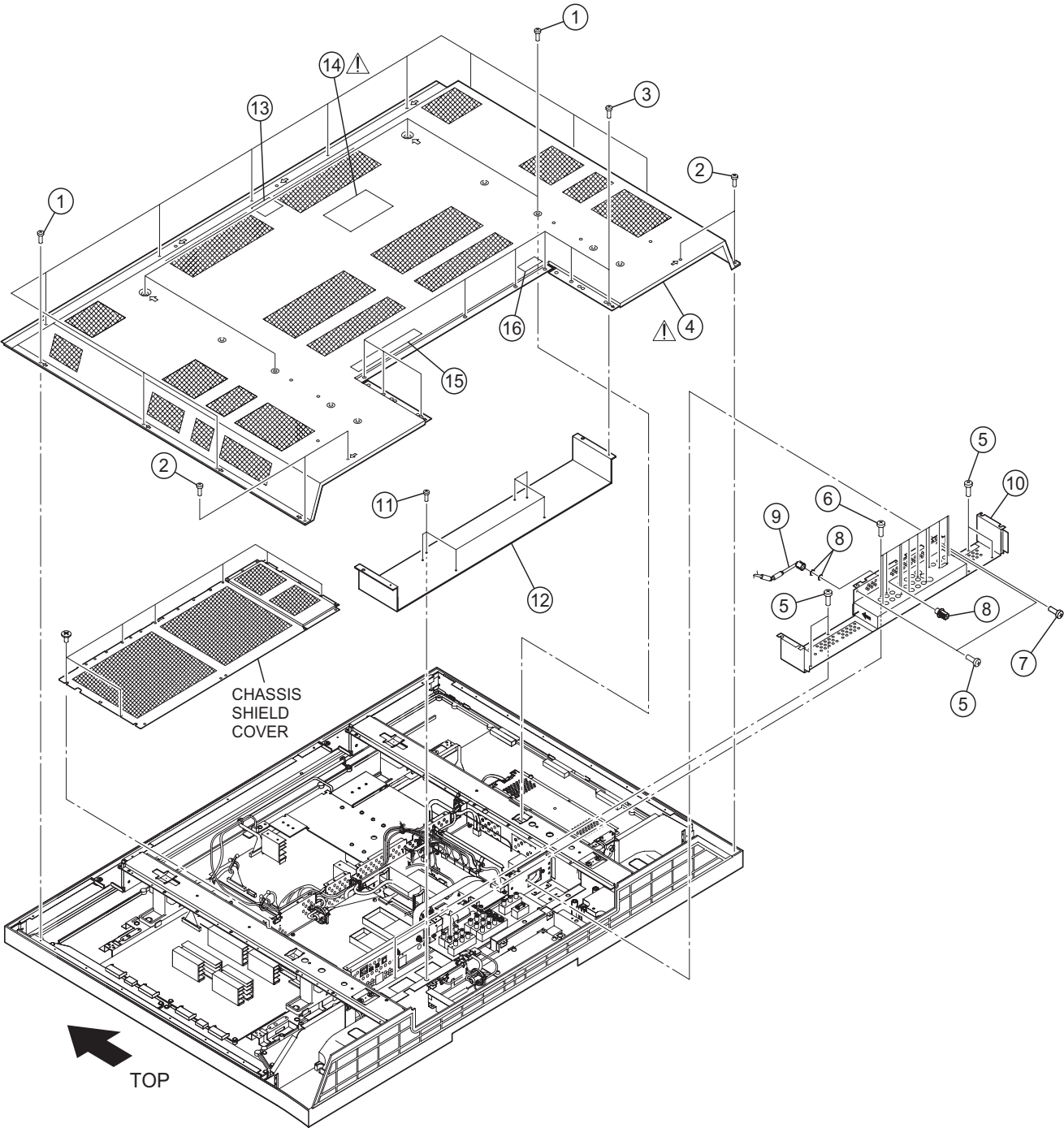
[PD-Z42DV4, PD-Z42DV4/S]

P.W.B ASS'Y	PD-Z42DV4	PD-Z42DV4/S
RECEIVER P.W.B	SFP-0F301A (LCA10476-01C)	←
ANALOG SIGNAL P.W.B	SFP-0A301A (LCA10423-06B)	←
AV JACK P.W.B	SFP-0J301A (LCA10445-02B)	←
DIGITAL SIGNAL P.W.B	SFP-0D301A (LCA10428-08F)	SFP-0D302A (LCA10428-09F)
INTERFACE P.W.B	SFP-7301A (LCA10424-06B)	SFP-7302A (LCA10424-07B)
AUDIO P.W.B	SFP-6003A (LCA10420-03C)	←
FRONT CONTROL P.W.B	SFP-8201A (LCA10446-01D)	←
FRONT LED P.W.B	SFP-8201A (LCA10446-01D)	←
TEMP. SENSOR P.W.B	SFP-8201A (LCA10446-01D)	←
REGULATOR P.W.B	SFP-9203A (LCA10426-01B)	←
LINE FILTER P.W.B	SFP-9303A (LCA10427-06A)	←
MAIN POWER P.W.B	SFP-9301A (LCA10453-05B)	←
SUB POWER P.W.B	SFP-9104A (LCA10422-02C)	←
PDP UNIT		
X-MAIN P.W.B	LJ92-00943A	←
Y-MAIN P.W.B	LJ92-00944B	←
E-BUFFER P.W.B	LJ92-00811A	←
F-BUFFER P.W.B	LJ92-00812A	←
G-BUFFER P.W.B	LJ92-00813A	←
LOGIC-MAIN P.W.B	LJ92-00975A	←
Y-BUFFER-U P.W.B	LJ9200796A	←
Y-BUFFER-L P.W.B	LJ9200797A	←
REMOTE CONTROL UNIT	RM-C1830-1C	←

EXPLODED VIEW PARTS LIST - 1

△	Ref.No.	Part No.	Part Name	Description	Local
	1	LC41647-001B	SCREW	(x15)	
	2	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	3	QYSBSG3008MA	TAP SCREW	M3 x 8mm(x8)	
△	4	LC11892-001B-0K	REAR COVER		
	5	QYSBSG3008MA	TAP SCREW	M3 x 8mm(x6)	
	6	QYSBSF3008MA	TAP SCREW	M3 x 8mm(x12)	
	7	QYSBSG3012MA	TAP SCREW	M3 x 12mm	
	8	CE42112-002	PALJ CONNECTOR		
	9	WJX0006-003A	E-COAXIAL ASS'Y		
	10	LC11933-003C-0K	TERMINAL COVER		
	11	QYSBSG3008MA	TAP SCREW	M3 x 8mm(x6)	
	12	LC11893-001A-0K	CENTER COVER		
	13	LC41693-001A	CAUTION LABEL		
△	14	LC21716-001A-0L	RATING LABEL		
	15	LC32822-003A	TERMINAL LABEL		
	16	LC41694-001A	INLET LABEL		

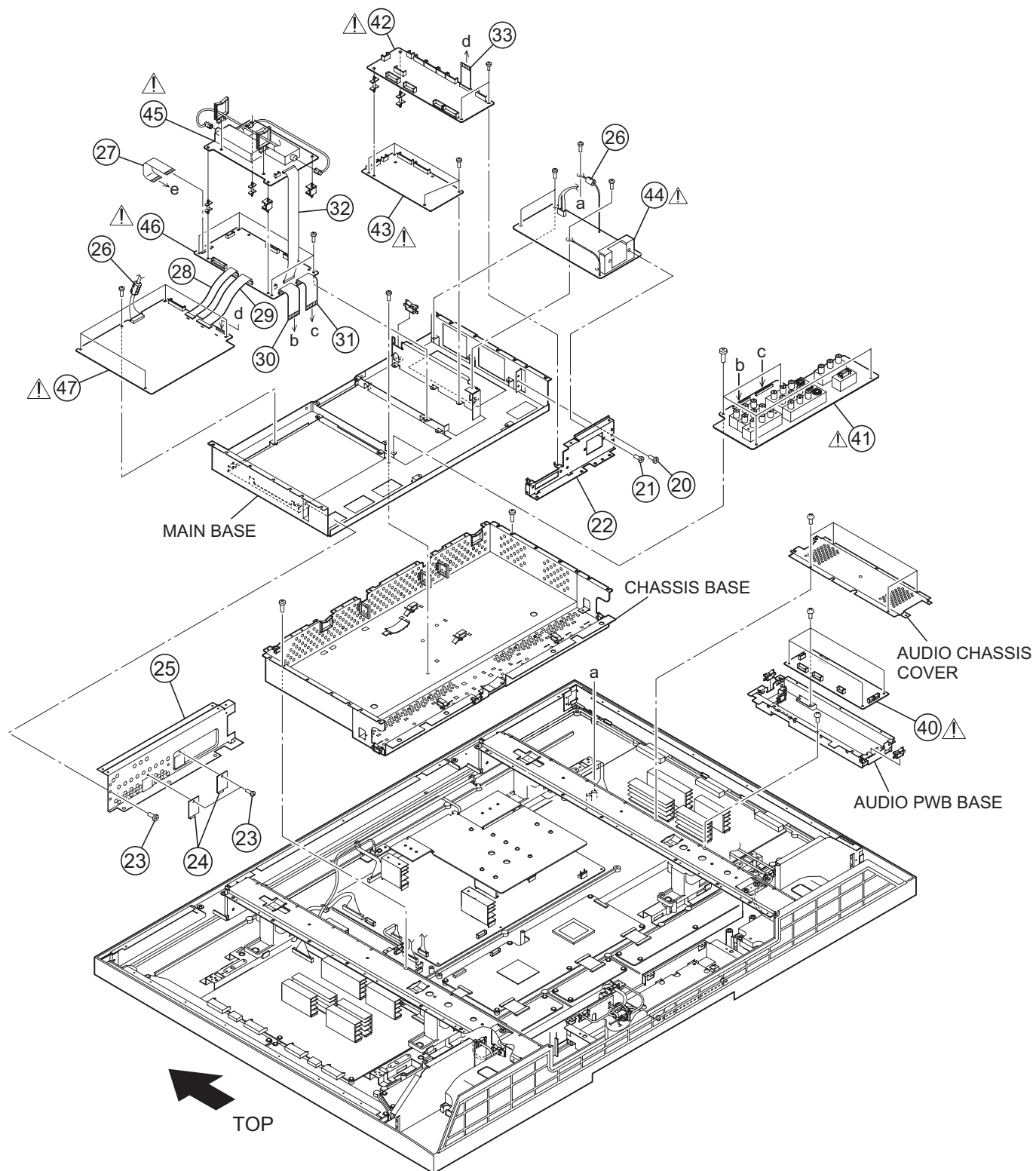
EXPLODED VIEW - 1



EXPLODED VIEW PARTS LIST - 2

△	Ref.No.	Part No.	Part Name	Description	Local
	20	QYSBSG3012MA	TAP SCREW	M3 x 12mm	
	21	QYSBSG3008MA	TAP SCREW	M3 x 8mm	
	22	LC21553-001C-0K	AC INLET PANEL		
	23	QYSBSG3008MA	TAP SCREW	M3 x 8mm(x3)	
	24	LC41903-001A	CONNECT COVER	(x2)	
	25	LC21550-004B-0K	DIGITAL TERMINAL COVER		
	26	QQR0491-001	FERRITE CORE	GRAY(x2)	PD-Z42DV4
	27	QUQ105-5034AE	FFC WIRE	50pin 34cm	
	28	QUQ105-3004AA	FFC WIRE	30pin 4cm	
	29	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	30	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	31	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	32	QUQ105-4004AA	FFC WIRE	40pin 4cm	
	33	QUQ105-3022AH	FFC WIRE	30pin 22cm	
△	40	SFP-6003A	AUDIO PWB		
△	41	SFP-0J301A	AV JACK PWB		
△	42	SFP-7301A	INTERFACE PWB		PD-Z42DV4
△	42	SFP-7302A	INTERFACE PWB		PD-Z42DV4/S
△	43	SFP-9203A	REGULATOR PWB		
△	44	SFP-9303A	LINE FILTER PWB		
△	45	SFP-0F301A	RECEIVER PWB		
△	46	SFP-0A301A	ANALOG SIGNAL PWB		
△	47	SFP-0D301A	DIGITAL SIGNAL PWB		PD-Z42DV4
△	47	SFP-0D302A	DIGITAL SIGNAL PWB		PD-Z42DV4/S

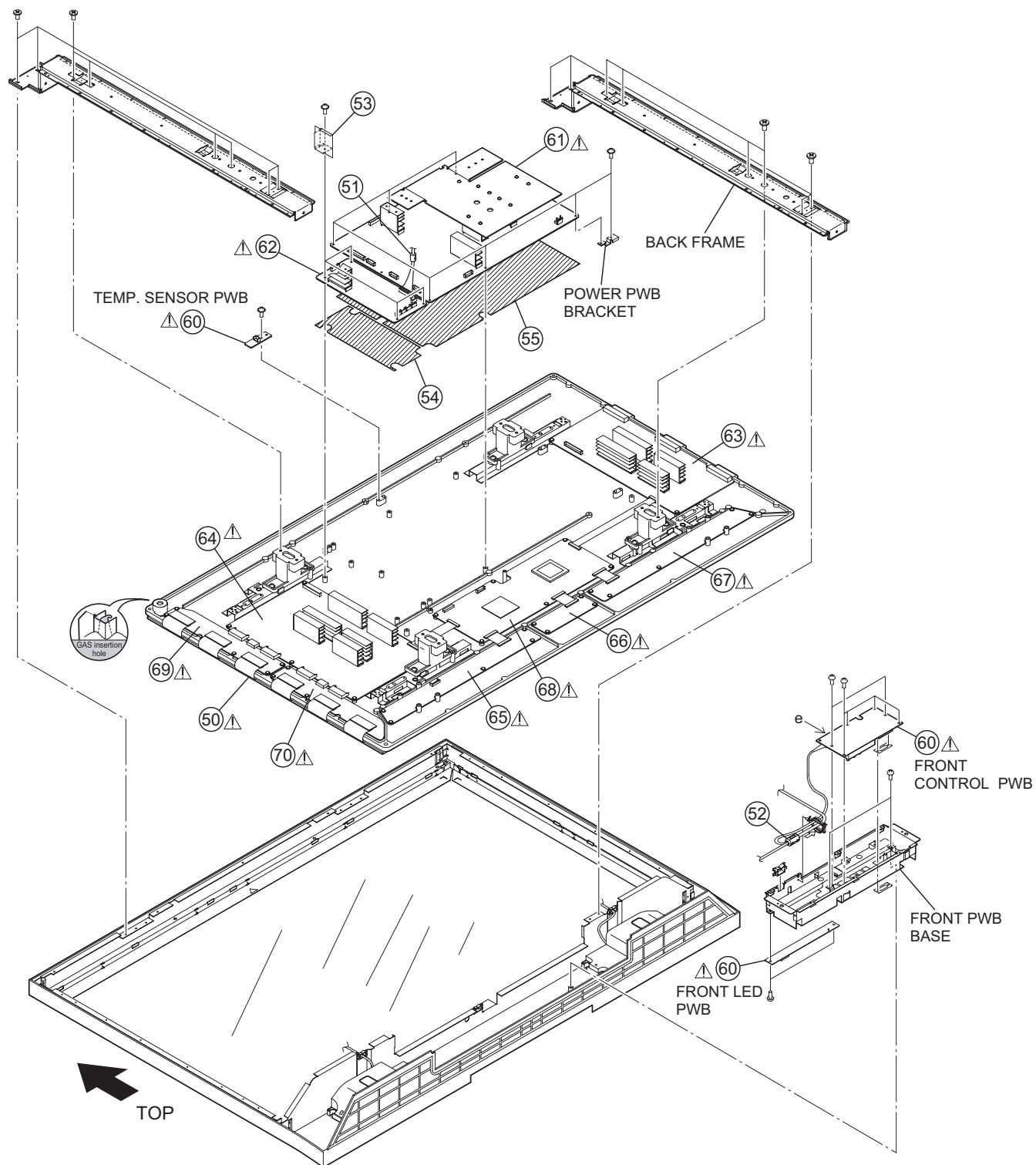
EXPLODED VIEW - 2



EXPLODED VIEW PARTS LIST - 3

△	Ref.No.	Part No.	Part Name	Description	Local
△	50	QLE0028-001	PDP	Inc.PWB in PDP UNIT	
	51	QQR0918-001	CORE FILTER		
	52	QQR0491-001	FERRITE CORE	GRAY	
	53	LC32562-001A	INSULATOR		
	54	LC32561-001A	INSULATOR		
	55	LC21459-001A	INSULATOR		
△	60	SFP-8201A	FRONT CONTROL PWB	Inc.TEMP.SENSOR PWB, FRONT LED PWB	
△	61	SFP-9301A	MAIN POWER PWB		
△	62	SFP-9104A	SUB POWER PWB		
△	63	LJ92-00943A	X-MAIN PWB		
△	64	LJ92-00944B	Y-MAIN PWB		
△	65	LJ92-00811A	E-BUFFER PWB		
△	66	LJ92-00812A	F-BUFFER PWB		
△	67	LJ92-00813A	G-BUFFER PWB		
△	68	LJ92-00975A	LOGIC-MAIN PWB		
△	69	LJ9200796A	Y-BUFFER-U PWB		
△	70	LJ9200797A	Y-BUFFER-L PWB		

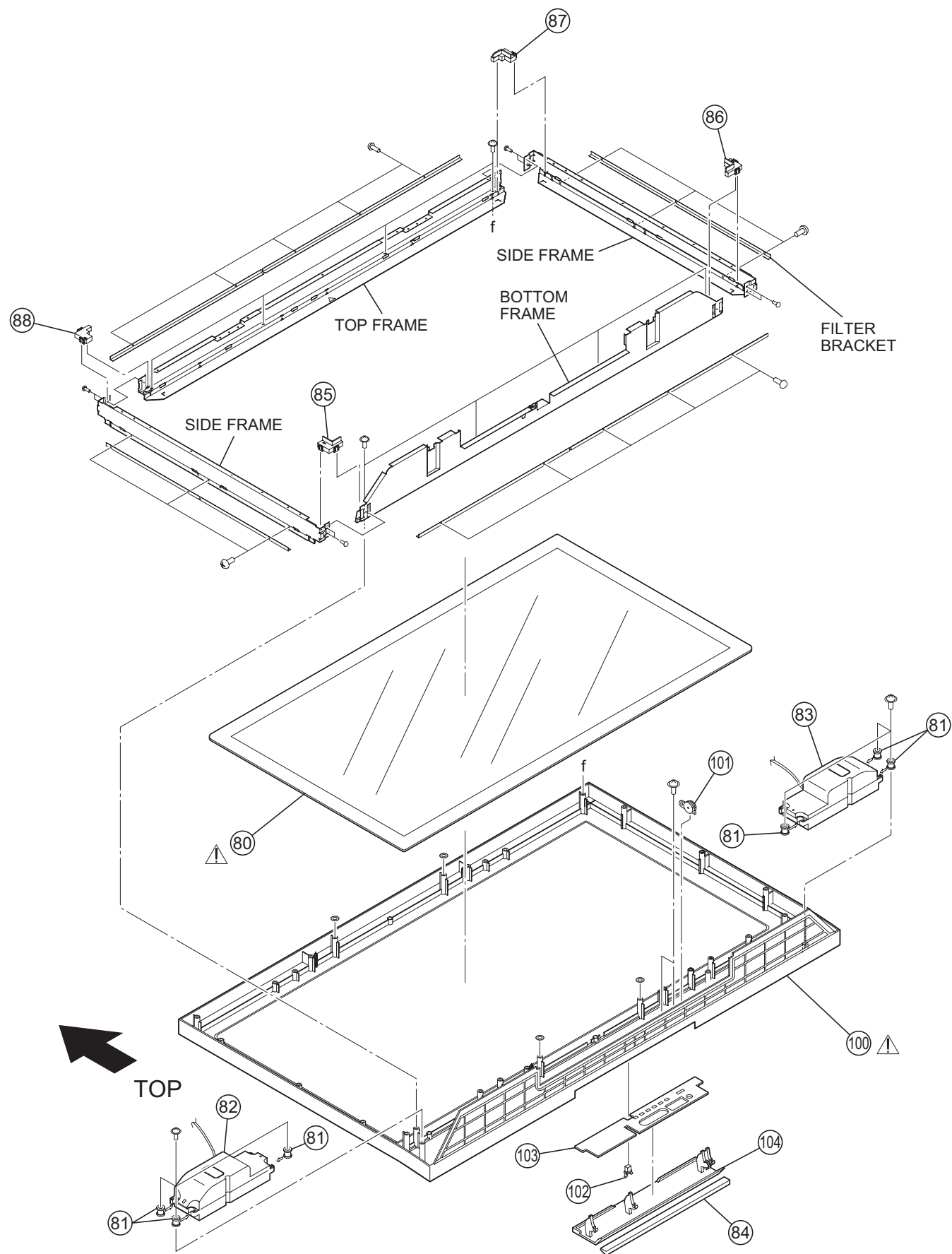
EXPLODED VIEW - 3



EXPLODED VIEW PARTS LIST - 4

△	Ref.No.	Part No.	Part Name	Description	Local
△	80	LC32758-001A-0K	FRONT FILTER		PD-Z42DV4
△	80	LC32364-001A-0K	FRONT FILTER		PD-Z42DV4/S
	81	LC40226-003A-H	SPACER	(x6)	
	82	LC41913-001A-C	SPEAKER ASS'Y(R)		
	83	LC41913-002A-C	SPEAKER ASS'Y(L)		
	84	LC32634-001B	REMOCON WINDOW		
	85	LC32308-001B	MOUNTING SPACER		
	86	LC32308-002C	MOUNTING SPACER		
	87	LC32308-003C	MOUNTING SPACER		
	88	LC32308-004B	MOUNTING SPACER		
△	100	LC11958-005B-0K	FRONT PANEL ASS'Y	Inc.101,102,103,104	
	101	PEME0904	DAMPER UNIT	(x2)	
	102	PU60005	PUSH OPEN UNIT		
	103	LC32636-005B	CONTROL SHEET		
	104	LC21672-001A	DOOR ASS'Y		

EXPLODED VIEW - 4



PRINTED WIRING BOARD PARTS LIST [PD-Z42DV4]

RECEIVER P.W. BOARD ASS'Y (SFP-0F301A) (LCA10476-01C)

△Ref No.	Part No.	Part Name	Description	Local
IC3101	M62320FP-X	IC		
IC3501	MSP3415DQGB3GHX	IC		
IC3502	HA17558AF-X	IC		
IC3504	BA80BC0FP-X	IC		
IC3601	AN5285K	IC		
IC3651	HA17558AF-X	IC		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3502	2SC3928A/QR/-X	TRANSISTOR		
Q3503	UN2213-X	DIGI TRANSISTOR		
D3501	MA8100/M/-X	Z DIODE		
C3003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3004	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C3007	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3009	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C3010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3011	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C3012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3101	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C3501	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3504	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3511	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3512	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3513	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3514	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C3517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3518	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3519	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3520	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3521	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3522	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3523	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3524	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3525	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3526	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3527	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3528	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C3529	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3530	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3533	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3534	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3535	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3536	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3537	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3540	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C3541	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
C3542	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3543	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3544	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3546	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3547	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3548	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3601	NEH71EM-475X	E CAPACITOR	4.7uF 25V M	
C3602	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3603	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C3604	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3605	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3607	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3608	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3609	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3610	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3651	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3652	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3653	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3654	NEH71CM-476X	E CAPACITOR	47uF 16V M	
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local
R3007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3010	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3103	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3518	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3519	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3520	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3521	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3540	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3541	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3543	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3544	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3545	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3546	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3547	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3601	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R3602	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3605	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3606	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3607	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R3608	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3611	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3651	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3652	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3653	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3654	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3655	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3656	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3657	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3658	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
L3001	NQL79GM-220X	COIL	22uH M	
L3002	NQL79GM-100X	COIL	10uH M	
L3503	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3504	NQL79GM-4R7X	COIL	4.7uH M	
L3505	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3506	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3507	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3501	NQR0389-003X	FERRITE BEADS		
K3502	NQR0389-003X	FERRITE BEADS		
LC3501	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
TU3001	QAU0366-001	TUNER		
X3501	QAX0773-001Z	CRYSTAL	18.432000MHz	

ANALOG SIGNAL P.W. BOARD ASS'Y (SFP-0A301A) (LCA10423-06B)

△Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC	80pin	
IC501	CXA2069Q	IC		
IC503	MM1510XN-X	IC		
IC711	CXA1875AM-X	IC		
IC801	TB1274AF	IC		
IC802	TC90A69AF-X	IC		

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
IC803	BA05FP-X	IC		C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
IC902	TA48M033F-X	IC		C804	NEH71CM-476X	E CAPACITOR	47uF 16V M
Q307	2SA1530A/QR/-X	TRANSISTOR		C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q402	2SK1374-X	MOS FET		C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q403	2SK1374-X	MOS FET		C807	NEH71CM-476X	E CAPACITOR	47uF 16V M
Q404	2SK1374-X	MOS FET		C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q405	2SK1374-X	MOS FET		C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
Q508	2SA1530A/QR/-X	TRANSISTOR		C813	NEH71CM-476X	E CAPACITOR	47uF 16V M
Q801	2SA1530A/QR/-X	TRANSISTOR		C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q802	2SA1530A/QR/-X	TRANSISTOR		C818	NEH71HM-106X	E CAPACITOR	10uF 50V M
Q810	2SA1530A/QR/-X	TRANSISTOR		C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J
Q851	2SA1530A/QR/-X	TRANSISTOR		C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
Q853	2SC3928A/QR/-X	TRANSISTOR		C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q854	2SC3928A/QR/-X	TRANSISTOR		C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
Q855	2SA1530A/QR/-X	TRANSISTOR		C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
Q858	2SC3928A/QR/-X	TRANSISTOR		C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q859	2SA1530A/QR/-X	TRANSISTOR		C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J
Q862	2SC3928A/QR/-X	TRANSISTOR		C826	NEH71EM-226X	E CAPACITOR	22uF 25V M
Q863	2SC3928A/QR/-X	TRANSISTOR		C827	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
Q901	2SC3074/OY/-X	TRANSISTOR		C828	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
QB611	2SC3928A/QR/-X	TRANSISTOR		C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
QB612	2SC3928A/QR/-X	TRANSISTOR		C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J
QB613	2SC3928A/QR/-X	TRANSISTOR		C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J
QB614	2SA1530A/QR/-X	TRANSISTOR		C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J
D501	MA8100/M/-X	Z DIODE		C853	NEH71CM-476X	E CAPACITOR	47uF 16V M
D903	PTZ11B-X	Z DIODE		C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D904	PTZ6.8B-X	Z DIODE		C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
DB201	MA8033-X	Z DIODE		C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
DB601	MA111-X	SI DIODE		C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
DB602	MA111-X	SI DIODE		C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
DB603	MA111-X	SI DIODE		C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
DB604	MA111-X	SI DIODE		C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
DB605	MA111-X	SI DIODE		C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J
DB606	MA111-X	SI DIODE		C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
DB607	MA111-X	SI DIODE		C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C202	NEH71HM-225X	E CAPACITOR	2.2uF 50V M	C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C204	NEH71AM-107X	E CAPACITOR	100uF 10V M	C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C205	NEH71HM-105X	E CAPACITOR	1uF 50V M	C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C206	NCB11CK-105X	C CAPACITOR	1uF 16V K	C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C302	NEH71CM-476X	E CAPACITOR	47uF 16V M	C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C303	NCB21CK-105X	C CAPACITOR	1uF 16V K	C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C304	NCB21CK-105X	C CAPACITOR	1uF 16V K	C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C305	NCB21CK-105X	C CAPACITOR	1uF 16V K	C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C319	NEH71CM-476X	E CAPACITOR	47uF 16V M	C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C321	NEH71CM-106X	E CAPACITOR	10uF 16V M	C880	NEH71AM-107X	E CAPACITOR	100uF 10V M
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C881	NEH71AM-107X	E CAPACITOR	100uF 10V M
C323	NEH71CM-476X	E CAPACITOR	47uF 16V M	C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C324	NCB11CK-105X	C CAPACITOR	1uF 16V K	C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C325	NCB11CK-105X	C CAPACITOR	1uF 16V K	C884	NEH71AM-107X	E CAPACITOR	100uF 10V M
C326	NCB11CK-105X	C CAPACITOR	1uF 16V K	C885	NEH71AM-107X	E CAPACITOR	100uF 10V M
C327	NCB11CK-105X	C CAPACITOR	1uF 16V K	C886	NEH71HM-106X	E CAPACITOR	10uF 50V M
C328	NCB11CK-105X	C CAPACITOR	1uF 16V K	C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C329	NCB11CK-105X	C CAPACITOR	1uF 16V K	C888	NEH71AM-107X	E CAPACITOR	100uF 10V M
C330	NCB11CK-105X	C CAPACITOR	1uF 16V K	C889	NEH71HM-106X	E CAPACITOR	10uF 50V M
C339	NCB11CK-105X	C CAPACITOR	1uF 16V K	C890	NEH71HM-106X	E CAPACITOR	10uF 50V M
C340	NCB11CK-105X	C CAPACITOR	1uF 16V K	C891	NEH71CM-476X	E CAPACITOR	47uF 16V M
C341	NCB31HK-472X	C CAPACITOR	4700pF 50V K	C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C342	NCB31HK-472X	C CAPACITOR	4700pF 50V K	C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J
C344	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C345	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C904	NCB11AK-106X	C CAPACITOR	10uF 10V K
C349	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	C905	NEH91CM-476X	E CAPACITOR	47uF 16V M
C355	NCB11CK-105X	C CAPACITOR	1uF 16V K	C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M
C356	NCB11CK-105X	C CAPACITOR	1uF 16V K	C912	NEH71CM-476X	E CAPACITOR	47uF 16V M
C357	NCB11CK-105X	C CAPACITOR	1uF 16V K	C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M
C501	NEH71CM-476X	E CAPACITOR	47uF 16V M	C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M
C502	NEH71CM-476X	E CAPACITOR	47uF 16V M	CB611	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C503	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	CB612	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C505	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	CB613	NEH71CM-106X	E CAPACITOR	10uF 16V M
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	CB614	NEH71CM-476X	E CAPACITOR	47uF 16V M
C520	NCB11CK-105X	C CAPACITOR	1uF 16V K	R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C521	NEH71CM-106X	E CAPACITOR	10uF 16V M	R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C522	NEH71AM-107X	E CAPACITOR	100uF 10V M	R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C523	NEH71CM-106X	E CAPACITOR	10uF 16V M	R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C601	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C602	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C711	NEH71CM-106X	E CAPACITOR	10uF 16V M	R210	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
				R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
				R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J
R220	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R304	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R305	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R322	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R332	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R373	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R375	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R383	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R385	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R393	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R395	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB303	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RB304	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB305	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RB512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB602	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RB603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	RB611	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB612	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RB613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	RB614	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R538	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	RB615	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB616	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R540	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L201	NQL034K-101X	P COIL	100uH K
R661	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L807	NQR0413-003X	FERRITE BEADS	
R662	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L808	NQR0413-003X	FERRITE BEADS	
R711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L809	NQR0413-003X	FERRITE BEADS	
R712	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L851	NQL092K-6R8X	P COIL	6.8uH K
R713	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L852	NQL092K-6R8X	P COIL	6.8uH K
R714	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L853	NQL092K-6R8X	P COIL	6.8uH K
R715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L854	NQL092M-270X	P COIL	27uH M
R716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L855	NQL024J-560X	P COIL	56uH J
R719	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L861	NQL914K-220X	COIL	22uH K
R720	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L862	NQL914K-101X	COIL	100uH K
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L863	NQL914K-101X	COIL	100uH K
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L864	NQL914K-101X	COIL	100uH K
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	L865	NQL914K-220X	COIL	22uH K
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L866	NQL914K-220X	COIL	22uH K
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L867	NQL914K-220X	COIL	22uH K
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	L901	NQL52EM-220X	COIL	22uH M

△Ref No.	Part No.	Part Name	Description Local
L902	NQL52EM-220X	COIL	22uH M
L904	NQL52EM-220X	COIL	22uH M
X201	CSB503F30	C RESONATOR	
X801	NAX0621-001X	CRYSTAL	16.200MHz

AV JACK P.W. BOARD ASSY (SFP-0J301A) (LCA10445-02B)

△Ref No.	Part No.	Part Name	Description Local
Q2051	UN2226-X	DIGI TRANSISTOR	
Q2052	UN2226-X	DIGI TRANSISTOR	
Q2055	UN2110-X	DIGI TRANSISTOR	
Q2201	DTC323TK-X	DIGI TRANSISTOR	
Q2203	DTC323TK-X	DIGI TRANSISTOR	
Q2204	DTC323TK-X	DIGI TRANSISTOR	
Q2205	2SA1037AK/QR/-X	TRANSISTOR	
D2201	MA8100/M/-X	Z DIODE	
D2202	MA8100/M/-X	Z DIODE	
D2203	MA8100/M/-X	Z DIODE	
D2205	MA8100/M/-X	Z DIODE	
D2206	MA8100/M/-X	Z DIODE	
D2207	MA8100/M/-X	Z DIODE	
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2003	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2009	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J
C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2016	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2017	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2018	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2019	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2020	NCB11AK-106X	C CAPACITOR	10uF 10V K
C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2055	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2201	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2202	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2203	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2204	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2205	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2206	NCB11CK-105X	C CAPACITOR	1uF 16V K
C2207	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2209	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2210	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2215	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R2055	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R2060	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R2061	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R2062	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R2066	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R2069	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local
R2205	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2212	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R2213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R2214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2215	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R2216	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R2217	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R2218	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R2219	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R2220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R2221	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R2222	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J

J2001	QNZ0700-001	AV JACK	VIDEO1,2 IN
J2003	QNN0646-001	PIN JACK	VIDEO3 COMP IN
J2004	QNN0643-001	PIN JACK	VIDEO3 CENTER CH IN
J2005	QNN0646-001	PIN JACK	VIDEO1 COMP IN
J2006	QNN0644-001	PIN JACK	VIDEO OUT
J2007	QNN0645-001	PIN JACK	SUB WOOFER/AUDIO OUT

DIGITAL SIGNAL P.W. BOARD ASSY (SFP-0D301A) (LCA10428-08F)

△Ref No.	Part No.	Part Name	Description Local
IC0401	SN74AHCT1G32V-X	IC	
IC1001	TC90A92AFG	IC	100pin
IC1502	NJM2235V-X	IC	
IC3001	JCC5055	IC	438pin
IC3403	S-80928CLNB-W	IC	
IC3501	HY5DU283222AQ-5	IC	100pin
IC3502	HY5DU283222AQ-5	IC	100pin
IC3503	LP2996MR-X	IC	
IC4001	JCC5057	IC	208pin
IC4003	AT29LV01-Z42DV4	IC(MICRO C ROM)	(SERVICE)
IC4004	AV24C256Z42DV4D	IC	(SERVICE)
IC6502	THC63LVDM83R-W	IC	
IC7001	MN102H60KKB	IC(MCU)	or MN102HF60KKB 100pin
IC7002	AT24C256-Z42DV4	IC	(SERVICE)
IC7401	S-80828CLNB-W	IC	
IC7501	SDA6000-B12	IC	128pin
IC7502	S-80828CNNB-W	IC	
IC7503	K4S641632H-TC75	IC(DIGITAL)	
IC7504	MR27T1602F1KDTN	IC(MICRO C ROM)	
IC7505	PQ2L3252MS-X	IC	
IC7506	CD74HC4053PW-X	IC	
IC7602	AT24C32-Z42DV4	IC	(SERVICE)
IC9001	MP1580HS-X	IC	
IC9101	MP1580HS-X	IC	
IC9201	MP1580HS-X	IC	
Q0101	2SC3837K/NP/-X	TRANSISTOR	
Q0102	2SA1022/BC/-X	TRANSISTOR	
Q0104	2SA1022/BC/-X	TRANSISTOR	
Q0107	2SA1530A/QR/-X	TRANSISTOR	
Q0108	2SC3928A/QR/-X	TRANSISTOR	
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0201	2SC3837K/NP/-X	TRANSISTOR	
Q0202	2SA1022/BC/-X	TRANSISTOR	
Q0203	2SC3928A/QR/-X	TRANSISTOR	
Q0204	2SA1022/BC/-X	TRANSISTOR	
Q0207	2SA1530A/QR/-X	TRANSISTOR	
Q0208	2SC3928A/QR/-X	TRANSISTOR	
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0301	2SC3837K/NP/-X	TRANSISTOR	
Q0302	2SA1022/BC/-X	TRANSISTOR	
Q0303	2SC3928A/QR/-X	TRANSISTOR	
Q0304	2SA1022/BC/-X	TRANSISTOR	
Q0307	2SA1530A/QR/-X	TRANSISTOR	
Q0308	2SC3928A/QR/-X	TRANSISTOR	
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR	
Q1001	UN2213-X	DIGI TRANSISTOR	
Q1003	2SC3928A/QR/-X	TRANSISTOR	
Q1004	2SA1530A/QR/-X	TRANSISTOR	
Q1101	2SC3928A/QR/-X	TRANSISTOR	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
Q1103	2SA1530A/QR/-X	TRANSISTOR		C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q1201	2SC3928A/QR/-X	TRANSISTOR		C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q1203	2SA1530A/QR/-X	TRANSISTOR		C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q1301	2SC3928A/QR/-X	TRANSISTOR		C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K
Q1303	2SA1530A/QR/-X	TRANSISTOR		C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q1401	2SC3928A/QR/-X	TRANSISTOR		C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q1403	2SA1530A/QR/-X	TRANSISTOR		C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q3001	2SC3928A/QR/-X	TRANSISTOR		C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q3002	2SA1530A/QR/-X	TRANSISTOR		C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q3003	2SC3928A/QR/-X	TRANSISTOR		C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q3004	2SA1530A/QR/-X	TRANSISTOR		C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q7206	UN2213-X	DIGI TRANSISTOR		C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q7207	DTA144EKA-X	DIGI TRANSISTOR		C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q7501	2SA1162/YG/-X	TRANSISTOR		C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q7508	DTC114EKA-X	DIGI TRANSISTOR		C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
				C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D1001	EC30HA03L-X	SB DIODE		C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D1002	EC30HA03L-X	SB DIODE		C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J
D7001	MA111-X	SI DIODE		C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J
D7002	MA8051/M/-X	Z DIODE		C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D7003	MA111-X	SI DIODE		C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7005	MA8082/M/-X	Z DIODE		C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7006	MA8082/M/-X	Z DIODE		C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7007	MA8082/M/-X	Z DIODE		C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
D7008	MA8082/M/-X	Z DIODE		C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D7009	MA8082/M/-X	Z DIODE		C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7203	MA111-X	SI DIODE		C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D7210	RB501V-40-X	SB DIODE		C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7211	MA111-X	SI DIODE		C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D7501	MA111-X	SI DIODE		C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K
D7502	MA111-X	SI DIODE		C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D9001	EC30HA03L-X	SB DIODE		C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K
D9003	PTZ3.9B-X	Z DIODE		C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K
D9101	EC30HA03L-X	SB DIODE		C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J
D9102	EC30HA03L-X	SB DIODE		C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J
D9103	PTZ3.9B-X	Z DIODE		C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J
D9104	MA111-X	SI DIODE		C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J
D9201	EC30HA03L-X	SB DIODE		C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
D9203	PTZ3.9B-X	Z DIODE		C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D9204	MA111-X	SI DIODE		C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J
				C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C0519	NDC31HJ-820X	C CAPACITOR	82pF 50V J	C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7510	NEH71CM-106X	E CAPACITOR	10uF 16V M
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7521	NEH71CM-106X	E CAPACITOR	10uF 16V M
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7522	NEH71CM-106X	E CAPACITOR	10uF 16V M
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7523	NEH71CM-476X	E CAPACITOR	47uF 16V M
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7524	NEH71CM-476X	E CAPACITOR	47uF 16V M
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7531	NEH71CM-476X	E CAPACITOR	47uF 16V M
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7542	NEH70GM-227X	E CAPACITOR	220uF 4V M
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7544	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7548	NEH70GM-227X	E CAPACITOR	220uF 4V M
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K				

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R2010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1102	NRSA63J-101X	MG RESISTOR	10kΩ 1/16W J	R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

(No.YA101)3-19

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7220	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6513	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6514	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6516	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RB2001	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RB2002	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RB2003	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L0101	NQL092K-2R2X	P COIL	2.2uH K
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L0201	NQL092K-2R2X	P COIL	2.2uH K
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L0301	NQL092K-2R2X	P COIL	2.2uH K
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1003	NQL092K-1R5X	P COIL	1.5uH K
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1008	NQL79GM-220X	COIL	22uH M
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L1011	NQL79GM-470X	COIL	47uH M
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	L1101	NQL092K-6R8X	P COIL	6.8uH K
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	L1102	NQR0489-002X	FERRITE BEADS	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1103	NQL092K-1R0X	P COIL	1uH K
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L1201	NQL092K-6R8X	P COIL	6.8uH K
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	L1203	NQL092K-1R0X	P COIL	1uH K
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	L1301	NQL092K-6R8X	P COIL	6.8uH K
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L1303	NQL092K-1R0X	P COIL	1uH K
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L1401	NQL092K-6R8X	P COIL	6.8uH K
R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L1403	NQL092K-1R0X	P COIL	1uH K
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L1501	NQL092K-4R7X	P COIL	4.7uH K
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3001	NQR0489-002X	FERRITE BEADS	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	L4001	NQR0413-003X	FERRITE BEADS	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	L6501	NQR0351-001X	FERRITE BEADS	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	L6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	L6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	L6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J				

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	Q814	2SK2090-X	MOS FET	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	Q815	2SC3928A/QR/-X	TRANSISTOR	
L7501	NQL092K-4R7X	P COIL	4.7uH K	D803	MA1111-X	SI DIODE	
L7502	NQL092K-4R7X	P COIL	4.7uH K	D804	MA8056/M/-X	Z DIODE	
L7503	NQL092K-4R7X	P COIL	4.7uH K	D903	MA1111-X	SI DIODE	
L7504	NQL092K-4R7X	P COIL	4.7uH K	C114	NEH71AM-107X	E CAPACITOR	100uF 10V M
L7505	NQL092K-4R7X	P COIL	4.7uH K	C117	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
L7506	NQL914M-4R7X	COIL	4.7uH M	C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
L7507	NQL092K-4R7X	P COIL	4.7uH K	C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M
L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
L7509	NQL092K-4R7X	P COIL	4.7uH K	C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
L7510	NQL092K-4R7X	P COIL	4.7uH K	C810	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
L7511	NQL092K-4R7X	P COIL	4.7uH K	C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
L7512	NQL914M-4R7X	COIL	4.7uH M	C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M
L7513	NQL914M-4R7X	COIL	4.7uH M	C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
L7514	NQL092K-4R7X	P COIL	4.7uH K	C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
L9001	NQL71EM-150X	COIL	15uH M	C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
L9101	NQL71EM-150X	COIL	15uH M	C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
L9201	NQL71EM-150X	COIL	15uH M	C821	NEH71CM-106X	E CAPACITOR	10uF 16V M
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J
K1001	NQR0489-002X	FERRITE BEADS		C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J
K1002	NQR0489-002X	FERRITE BEADS		C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
K1003	NQR0489-002X	FERRITE BEADS		C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M
K1004	NQR0489-002X	FERRITE BEADS		C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
K6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R402	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
K6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R812	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R813	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
K6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
K6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
K6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
K7503	NQR0389-003X	FERRITE BEADS		R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
SL7001	NAX0613-001X	C RESONATOR		R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
X1001	NAX0642-001X	CRYSTAL		R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
X3001	NAX0635-001X	CXO		R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
X3002	NAX0667-001X	CXO		R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
X4001	NAX0669-001X	C RESONATOR		R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
X7501	NAX0618-001X	CRYSTAL		R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
	PUS9915-105	SPACER		R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
				R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
				R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
				R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
				R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
				R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
				R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
				R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
				R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
				R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
				R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
				R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
				R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
				R876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
				R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
				R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
				R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
				R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
				R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
				R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
				R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
				R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
				R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J

**INTERFACE P.W. BOARD ASS'Y
(SFP-7301A) (LCA10424-06B)**

△Ref No.	Part No.	Part Name	Description Local
IC103	BA05FP-X	IC	
IC801	BA033FP-X	IC	
IC802	BA033FP-X	IC	
IC805	AT24C16-Z42DV4	IC	(SERVICE)
IC807	HD6433685A30H	IC(MCU)	or HD64F3687A30H
IC809	S-80840CLNB-W	IC	
Q101	2SC3928A/QR/-X	TRANSISTOR	
Q803	2SA1530A/QR/-X	TRANSISTOR	
Q805	2SK2090-X	MOS FET	
Q806	2SK2090-X	MOS FET	
Q807	2SA1530A/QR/-X	TRANSISTOR	
Q813	2SK2090-X	MOS FET	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	D6503	MA111-X	SI DIODE	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	D6504	MA111-X	SI DIODE	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	D6601	MA8062/M/-X	Z DIODE	
R892	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	D6663	MA8033-X	Z DIODE	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	D6671	MA8200-X	Z DIODE	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	D6672	MA8200-X	Z DIODE	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	D6673	MA8200-X	Z DIODE	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	D6674	MA8200-X	Z DIODE	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	D6681	MA111-X	SI DIODE	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	D6682	MA111-X	SI DIODE	
R903	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	D6683	MA111-X	SI DIODE	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	C6503	NDC31HJ-101X	C CAPACITOR	100pF 50V J
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	C6504	NDC31HJ-101X	C CAPACITOR	100pF 50V J
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	C6505	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	C6508	NDC31HJ-101X	C CAPACITOR	100pF 50V J
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	C6509	NDC31HJ-101X	C CAPACITOR	100pF 50V J
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	C6510	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	C6511	QETN1EM-476Z	E CAPACITOR	47uF 25V M
R931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6512	QETN1EM-476Z	E CAPACITOR	47uF 25V M
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	C6513	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	C6514	QETN1EM-476Z	E CAPACITOR	47uF 25V M
R939	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	C6515	QETN1CM-476Z	E CAPACITOR	47uF 16V M
R940	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	C6516	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J
R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J
R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6521	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K
R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K
R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6526	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
R969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	C6527	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	C6528	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
R971	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K
R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K
R974	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	C6533	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
R975	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	C6534	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
R976	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6535	QETN1HM-105Z	E CAPACITOR	1uF 50V M
R978	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	C6536	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
R979	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	C6537	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
R980	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	C6538	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
R981	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	C6539	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
L801	NQR0351-001X	FERRITE BEADS		C6540	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
L802	NQR0351-001X	FERRITE BEADS		C6541	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	C6542	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	C6543	QETN1EM-476Z	E CAPACITOR	47uF 25V M
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	C6544	QETN1HM-105Z	E CAPACITOR	1uF 50V M
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
X802	NAX0613-001X	C RESONATOR		C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
				C6551	QETN1HM-105Z	E CAPACITOR	1uF 50V M
				C6552	QETN1HM-105Z	E CAPACITOR	1uF 50V M
				C6553	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6554	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6555	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6556	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6557	QETN1EM-476Z	E CAPACITOR	47uF 25V M
				C6559	QETN1CM-476Z	E CAPACITOR	47uF 16V M
				C6561	QETN1HM-105Z	E CAPACITOR	1uF 50V M
				C6562	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
				C6563	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6564	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K
				C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K
				C6585	QETN1HM-106Z	E CAPACITOR	10uF 50V M
				C6586	QETN1HM-106Z	E CAPACITOR	10uF 50V M
				C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J
				C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J
				C6605	QETN1CM-476Z	E CAPACITOR	47uF 16V M
				C6621	NCB31HK-332X	C CAPACITOR	3300pF 50V K
				C6622	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6623	QETN1HM-226Z	E CAPACITOR	22uF 50V M
				C6624	NCB31HK-222X	C CAPACITOR	2200pF 50V K
				C6625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6626	NCB31HK-222X	C CAPACITOR	2200pF 50V K
				C6627	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6628	QETN1HM-226Z	E CAPACITOR	22uF 50V M
				C6629	NCB31HK-222X	C CAPACITOR	2200pF 50V K
				C6630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6631	NCB31HK-222X	C CAPACITOR	2200pF 50V K
				C6632	NCB31HK-332X	C CAPACITOR	3300pF 50V K
				C6661	NCB11EK-105X	C CAPACITOR	1uF 25V K
				C6662	NCB11EK-105X	C CAPACITOR	1uF 25V K
				C6663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6664	QETN1HM-226Z	E CAPACITOR	22uF 50V M
				C6665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6666	QETN1HM-226Z	E CAPACITOR	22uF 50V M

AUDIO P.W. BOARD ASS'Y (SFP-6003A) (LCA10420-03C)

△Ref No.	Part No.	Part Name	Description Local
IC6521	NJW1137M-W	IC	
IC6551	RC4558D-X	IC	
IC6552	RC4558D-X	IC	
IC6621	LM393DR-X	IC	
IC6661	TDA8925ST/N1	IC	
IC6671	BA12FP-X	IC	
Q6521	2SC3928A/QR/-X	TRANSISTOR	
Q6522	2SC3928A/QR/-X	TRANSISTOR	
Q6523	2SA1530A/QR/-X	TRANSISTOR	
Q6531	2SC3928A/QR/-X	TRANSISTOR	
Q6532	2SC3928A/QR/-X	TRANSISTOR	
Q6533	2SC3928A/QR/-X	TRANSISTOR	
Q6534	2SA1530A/QR/-X	TRANSISTOR	
Q6538	2SC3928A/QR/-X	TRANSISTOR	
Q6539	2SC3928A/QR/-X	TRANSISTOR	
Q6661	UN2112-X	DIGI TRANSISTOR	
Q6662	2SC3928A/QR/-X	TRANSISTOR	
Q6663	UN2212-X	DIGI TRANSISTOR	
Q6672	2SC3928A/QR/-X	TRANSISTOR	
Q6673	2SA1530A/QR/-X	TRANSISTOR	
D6501	MA111-X	SI DIODE	
D6502	MA111-X	SI DIODE	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C6667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6595	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6668	NCB31HK-561X	C CAPACITOR	560pF 50V K	R6596	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	R6601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C6670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
C6671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R6603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R6605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C6673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
C6674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R6607	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6617	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C6676	NCB31HK-561X	C CAPACITOR	560pF 50V K	R6621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6677	NCB31HK-561X	C CAPACITOR	560pF 50V K	R6622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	R6623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C6679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	R6624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J
C6680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R6625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C6681	NCB31HK-561X	C CAPACITOR	560pF 50V K	R6626	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C6682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C6683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C6684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C6685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R6630	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C6686	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C6687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R6632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C6692	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R6633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C6693	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R6634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6502	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R6635	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
R6503	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	R6661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6504	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	R6662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R6506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6508	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R6665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R6509	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	R6666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
R6510	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	R6667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R6511	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
R6512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R6513	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6515	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R6673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6516	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R6674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R6517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6518	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R6676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6519	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	R6677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6520	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R6680	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6521	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R6681	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R6682	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R6683	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R6684	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6525	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R6685	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R6686	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R6688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R6689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R6691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6530	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R6693	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	L6661	QQL28AK-560	COIL	56uH K
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L6662	QQL28AK-560	COIL	56uH K
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	K6601	QQR0621-002Z	FERRITE BEADS	
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	K6602	QQR0621-002Z	FERRITE BEADS	
R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R6536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J				
R6552	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J				
R6555	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R6557	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R6558	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J				
R6559	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J				
R6560	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J				
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J				
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J				
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J				
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J				
R6578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J				
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J				
R6580	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J				
R6592	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R6593	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R6594	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				

FRONT CONTROL P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)

△Ref No.	Part No.	Part Name	Description Local
IC1001	NJM2777M-X	IC	
D1001	MA8039/H/-X	Z DIODE	
D1104	MA8100/M/-X	Z DIODE	
D1105	MA8100/M/-X	Z DIODE	
C1002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1004	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C1005	NEH71CM-106X	E CAPACITOR	10uF 16V M
C1006	NEH71HM-105X	E CAPACITOR	1uF 50V M
C1007	NEH71AM-107X	E CAPACITOR	100uF 10V M
C1008	NEH71AM-107X	E CAPACITOR	100uF 10V M
C1009	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C1010	NEH71HM-105X	E CAPACITOR	1uF 50V M
C1011	NEH71HM-105X	E CAPACITOR	1uF 50V M
C1012	NEH71AM-107X	E CAPACITOR	100uF 10V M
C1102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1104	NCB11CK-225X	C CAPACITOR	2.2uF 16V K

△Ref No.	Part No.	Part Name	Description	Local
C1105	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C1106	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1108	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
R1001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1008	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1009	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1012	QRL036J-330	OMF RESISTOR	33Ω 3W J	
R1101	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1104	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1105	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1404	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1405	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1601	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1602	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R1603	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1604	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
J1001	QNS0051-001	3.5 JACK	HEADPHONE	
J1101	QNZ0438-001	AV JACK	VIDEO4 IN	
J1401	QNZ0061-001	D CONNECTOR	PC IN(D-SUB)	
LC1401	QQR1199-001	EMI FILTER		
LC1402	QQR1199-001	EMI FILTER		
LC1403	QQR1199-001	EMI FILTER		
S1201	QSW0619-003Z	TACT SWITCH	POWER	
S1601	QSW0619-003Z	TACT SWITCH	CH-	
S1602	QSW0619-003Z	TACT SWITCH	TV/VIDEO	
S1603	QSW0619-003Z	TACT SWITCH	CH+	
S1604	QSW0619-003Z	TACT SWITCH	VOL+	
S1605	QSW0619-003Z	TACT SWITCH	MENU/OK	
S1606	QSW0619-003Z	TACT SWITCH	VOL-	

FRONT LED P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)

△Ref No.	Part No.	Part Name	Description	Local
IC1742	GP1UA261XK	IR DETECT UNIT	38kHz	
Q1741	UN2212-X	DIGI TRANSISTOR		
Q1745	UN2110-X	DIGI TRANSISTOR		
D1744	HLMP-NS30-J0000	LED	POWER	
C1742	NEH71CM-476X	E CAPACITOR	47uF 16V M	
R1741	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1744	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1748	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
LC41859-001A		LED HOLDER		

TEMP. SENSOR P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)

△Ref No.	Part No.	Part Name	Description	Local
IC8101	TCN75-5.0MOA-X	IC		
C8101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R8101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

REGULATOR P.W. BOARD ASS'Y (SFP-9203A) (LCA10426-01B)

△Ref No.	Part No.	Part Name	Description	Local
IC9401	MP1580HS-X	IC		
IC9621	MP1410ES-X	IC		
IC9801	M62320FP-X	IC		
Q9211	2SB1188/QR/-W	TRANSISTOR		
Q9212	UN2213-X	DIGI TRANSISTOR		
Q9822	2SC3928A/QR/-X	TRANSISTOR		
D9401	EC30HA03L-X	SB DIODE		
D9403	PTZ11B-X	Z DIODE		
D9621	EC30HA03L-X	SB DIODE		
D9622	PTZ6.8B-X	Z DIODE		
D9822	MA8051/M/-X	Z DIODE		
D9823	MA111-X	SI DIODE		
C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9403	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9623	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9624	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R9625	NRSA63D-913X	MG RESISTOR	91kΩ 1/16W D	
R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9402	NQL71EM-150X	COIL	15uH M	
L9621	NQL71EM-150X	COIL	15uH M	

LINE FILTER P.W. BOARD ASS'Y (SFP-9303A) (LCA10427-06A)

△Ref No.	Part No.	Part Name	Description	Local
△C9901	QFZ9073-225	MM CAPACITOR	2.2uF AC250V M	
△C9912	QCZ9079-681	C CAPACITOR	680pF AC250V K	
△C9913	QCZ9079-681	C CAPACITOR	680pF AC250V K	
△C9916	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
△R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
△F9901	QMFZ041-100-J1	FUSE	10A 250V	
△J9901	QNC0103-001	AC INLET(NOISE)		
△LF9901	QQR1281-002	LINE FILTER		
△LF9902	QQR1281-002	LINE FILTER		

△Ref No.	Part No.	Part Name	Description Local
△VA9901	ERZV10V621CS LC32445-001B	ZNR AC INLET BKT	

MAIN POWER P.W. BOARD ASS'Y (SFP-9301A) (LCA10453-05B)

△Ref No.	Part No.	Part Name	Description Local
△IC9001	QAL0425-001	POWER MODULE	
IC9002	FA5502M-W	IC	
IC9201	STR-W6765-F5	IC	
IC9202	SI-8050S	IC	
IC9204	UTCTL431-T	IC	
IC9401	F9214L-F226	IC	
IC9403	UTCTL431-T	IC	
IC9601	STR-G6452-F3	IC	
IC9602	UTCTL431-T	IC	
IC9611	STR-G6452-F3	IC	
IC9612	UTCTL431-T	IC	
IC9621	STR-G6452-F3	IC	
IC9622	UTCTL431-T	IC	
IC9631	L7815CP	IC	
IC9632	SI-8033S/F1	IC	
Q9002	2SC2411K/QR/-X	TRANSISTOR	
Q9003	2SC3928A/QR/-X	TRANSISTOR	
Q9004	2SK2196	POWER MOS FET	
Q9005	2SK2196	POWER MOS FET	
Q9006	2SC3074/OY/-X	TRANSISTOR	
Q9007	2SA1244/OY/-X	TRANSISTOR	
Q9008	2SC3928A/QR/-X	TRANSISTOR	
Q9201	2SD1266A/QP/	POW TRANSISTOR	
Q9207	2SC3928A/QR/-X	TRANSISTOR	
Q9215	2SC3928A/QR/-X	TRANSISTOR	
Q9401	2SK3264-01MR-F1	POWER MOS FET	
Q9402	2SC3928A/QR/-X	TRANSISTOR	
Q9405	2SC3928A/QR/-X	TRANSISTOR	
Q9408	2SC3928A/QR/-X	TRANSISTOR	
Q9409	2SC3928A/QR/-X	TRANSISTOR	
Q9411	UN2213-X	DIGI TRANSISTOR	
Q9412	UN2213-X	DIGI TRANSISTOR	
D9001	S1WB/A/60-4101	BRIDGE DIODE	
D9002	D25XB60	BRIDGE DIODE	
D9006	YG963S6R	SI DIODE	
D9007	MA111-X	SI DIODE	
D9008	MA111-X	SI DIODE	
D9010	D1FS4-X	SB DIODE	
D9011	D1FS4-X	SB DIODE	
D9012	YG963S6R	SI DIODE	
D9013	MA8068/M/-X	Z DIODE	
D9014	MA8110/H/-X	Z DIODE	
D9015	MA8051/M/-X	Z DIODE	
D9201	MTZJ33B-T2	Z DIODE	
D9202	MA111-X	SI DIODE	
D9203	RGP10J-5025-T3	SI DIODE	
D9204	MA8120-X	Z DIODE	
D9205	D1FL20U-X	SI DIODE	
D9206	MA8240-X	Z DIODE	
D9207	RGP10J-5025-T3	SI DIODE	
D9208	SARS01-T2	SI DIODE	
D9209	SARS01-T2	SI DIODE	
D9210	RGP10J-5025-T3	SI DIODE	
D9211	FML-G12S	SI DIODE	
D9212	RU3AM-LFC4	SI DIODE	
D9213	FML-G14S	SI DIODE	
D9214	MA111-X	SI DIODE	
D9216	MA111-X	SI DIODE	
D9218	EC30HA03L-X	SB DIODE	
D9219	EC30HA03L-X	SB DIODE	
D9220	PTZ6.8B-X	Z DIODE	
D9223	MA8330/M/-X	Z DIODE	
D9229	MA8047-X	Z DIODE	
D9230	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D9401	SARS01-T2	SI DIODE	
D9402	EG01C-T2	SI DIODE	
D9403	EC30HA03L-X	SB DIODE	
D9404	FMG-G2CS	SI DIODE	
D9405	MA111-X	SI DIODE	
D9406	EG01C-T2	SI DIODE	
D9407	EG01C-T2	SI DIODE	
D9408	D1FL20U-X	SI DIODE	

△Ref No.	Part No.	Part Name	Description Local
D9409	FMG-G2CS	SI DIODE	
D9410	FMG-G2CS	SI DIODE	
D9413	MA8330/M/-X	Z DIODE	
D9414	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D9415	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D9416	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D9420	PTZ3.9B-X	Z DIODE	
D9421	MA111-X	SI DIODE	
D9422	MA8082/M/-X	Z DIODE	
D9423	EG01C-T2	SI DIODE	
D9424	EG01C-T2	SI DIODE	
D9602	D1FL20U-X	SI DIODE	
D9603	D1FL20U-X	SI DIODE	
D9604	MA111-X	SI DIODE	
D9605	RGP10J-5025-T3	SI DIODE	
D9606	D1FL20U-X	SI DIODE	
D9607	MTZJ33B-T2	Z DIODE	
D9612	D1FL20U-X	SI DIODE	
D9613	D1FL20U-X	SI DIODE	
D9614	MA111-X	SI DIODE	
D9615	RGP10J-5025-T3	SI DIODE	
D9622	D1FL20U-X	SI DIODE	
D9623	D1FL20U-X	SI DIODE	
D9624	MA111-X	SI DIODE	
D9625	RGP10J-5025-T3	SI DIODE	
D9631	1N4002G-T2	SI DIODE	
D9632	EC30HA03L-X	SB DIODE	
D9633	EC30HA03L-X	SB DIODE	
D9634	PTZ3.9B-X	Z DIODE	
D9635	MA111-X	SI DIODE	
D9636	MA111-X	SI DIODE	
D9637	MTZJ27B-T2	Z DIODE	
△PC9001	PS2581AL1/QW/	PHOTO COUPLER	
△PC9201	PS2581AL1/QW/	PHOTO COUPLER	
△PC9203	PS2581AL1/QW/	PHOTO COUPLER	
△PC9401	PS2581AL1/QW/	PHOTO COUPLER	
△PC9402	PS2581AL1/QW/	PHOTO COUPLER	
△PC9601	PC817CD	PHOTO COUPLER	
△PC9611	PC817CD	PHOTO COUPLER	
△PC9621	PC817CD	PHOTO COUPLER	
△C9001	QCZ9079-102	C CAPACITOR	1000pF AC250V M
C9003	QEHR1AM-337Z	E CAPACITOR	330uF 10V M
C9004	QECR1CM-477Z	E CAPACITOR	470uF 16V M
C9005	QEZ0709-106	E CAPACITOR	10uF
△C9014	QFZ9072-105	MM CAPACITOR	1uF AC250V K
△C9019	QFZ9072-474	MM CAPACITOR	0.47uF AC250V K
C9020	QFZ0128-474	MPP CAPACITOR	0.47uF DC400V H
C9021	QEZ0601-187	E CAPACITOR	180uF 450V M
C9022	QEZ0601-187	E CAPACITOR	180uF 450V M
C9023	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C9024	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C9025	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C9027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9029	NCF31CZ-334X	C CAPACITOR	0.33uF 16V Z
C9030	QEHR1VM-107Z	E CAPACITOR	100uF 35V M
C9031	NCB31CK-154X	C CAPACITOR	0.15uF 16V K
C9032	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C9033	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C9034	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C9201	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C9202	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C9203	QCZ0354-471Z	C CAPACITOR	470pF 2kV K
C9204	QEHR1VM-476Z	E CAPACITOR	47uF 35V M
C9205	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9207	QFP32JK-332	PP CAPACITOR	3300pF 630V K
C9208	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9210	QEHR1VM-476Z	E CAPACITOR	47uF 35V M
C9213	QEHQ2AM-477	E CAPACITOR	470uF 100V M
C9214	QEHQ2AM-477	E CAPACITOR	470uF 100V M
C9215	QECQ1EM-228	E CAPACITOR	2200uF 25V M
C9216	QEHR1VM-477Z	E CAPACITOR	470uF 35V M
C9217	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J
C9220	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C9221	QECR1EM-687Z	E CAPACITOR	680uF 25V M
C9223	QEZ0256-128	E CAPACITOR	1200uF 10V M
C9227	QEHR1HM-107Z	E CAPACITOR	100uF 50V M
C9401	QCZ0354-152Z	C CAPACITOR	1500pF 2kV K
C9402	QFZ0219-105	MPP CAPACITOR	1uF 400V J
C9403	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C9404	NDC31HJ-181X	C CAPACITOR	180pF 50V J
C9405	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9406	QCZ0354-471Z	C CAPACITOR	470pF 2kV K
C9408	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C9410	NCB31HK-104X	C CAPACITOR	0.1uF 50V K

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C9411	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	R9208	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J
C9412	QECR1EM-476Z	E CAPACITOR	47uF 25V M	R9209	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J
C9414	QEZ0599-108	E CAPACITOR	1000uF 200V M	△R9210	QRZ9009-100	FUSI RESISTOR	10Ω 1/2W J
C9415	QEZ0599-108	E CAPACITOR	1000uF 200V M	R9211	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C9416	QFP32GJ-393	PP CAPACITOR	0.039uF 400V J	R9212	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C9417	NCB31HK-821X	C CAPACITOR	820pF 50V K	R9213	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C9601	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	R9214	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9602	NCB31HK-152X	C CAPACITOR	1500pF 50V K	R9216	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C9603	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	R9217	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
C9604	NDC31HJ-561X	C CAPACITOR	560pF 50V J	R9218	QRE121J-124Y	C RESISTOR	120kΩ 1/2W J
C9606	QEHR2AM-107Z	E CAPACITOR	100uF 100V M	R9219	QVP0087-202Z	TRIM RESISTOR	Va VR 2kΩ 0.3W N
C9607	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M	R9220	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D
C9608	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R9221	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C9611	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	R9225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9612	NDC31HJ-471X	C CAPACITOR	470pF 50V J	R9239	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9613	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	R9240	QRE121J-273Y	C RESISTOR	27kΩ 1/2W J
C9614	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R9241	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C9615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R9243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9616	QEHR2DM-226Z	E CAPACITOR	22uF 200V M	R9266	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9621	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	R9267	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C9622	NDC31HJ-471X	C CAPACITOR	470pF 50V J	R9268	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C9623	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	R9269	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9624	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R9270	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C9625	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R9271	QRL03EJ-682X	OMF RESISTOR	6.8kΩ 3W J
C9626	QEHR2DM-226Z	E CAPACITOR	22uF 200V M	R9401	QRE121J-824Y	C RESISTOR	820kΩ 1/2W J
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R9402	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J
C9628	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R9403	QRL03EJ-563X	OMF RESISTOR	56kΩ 3W J
C9630	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R9404	QRM059J-R22	MP RESISTOR	0.22Ω 5W J
C9631	QEHR1VM-227Z	E CAPACITOR	220uF 35V M	R9405	QRT02EJ-3R9X	MF RESISTOR	3.9Ω 2W J
C9632	QEHR1EM-227Z	E CAPACITOR	220uF 25V M	R9406	QRE121J-120Y	C RESISTOR	12Ω 1/2W J
C9633	QECR1EM-687Z	E CAPACITOR	680uF 25V M	R9407	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C9635	QECR1AM-128Z	E CAPACITOR	1200uF 10V M	R9408	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
△R9001	QRZ0057-825	C RESISTOR	8.2MΩ 1W J	R9409	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R9003	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J	R9411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9004	QRX01GJ-R82	MF RESISTOR	0.82Ω 1W J	R9413	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9007	QRE121J-151Y	C RESISTOR	150Ω 1/2W J	R9414	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9008	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△R9415	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J
R9009	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R9416	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9010	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R9417	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R9011	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9418	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
△R9012	QRZ9055-4R7	FUSI RESISTOR	4.7Ω 2W K	R9420	NRS12BJ-823W	MG RESISTOR	82kΩ 1/2W J
R9013	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	R9421	NRS12BJ-562W	MG RESISTOR	5.6kΩ 1/2W J
R9015	QRE121J-224Y	C RESISTOR	220kΩ 1/2W J	R9422	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R9016	QRE121J-224Y	C RESISTOR	220kΩ 1/2W J	R9423	NRS12BJ-823W	MG RESISTOR	82kΩ 1/2W J
△R9017	QRZ9009-220	FUSI RESISTOR	22Ω 1/2W J	R9424	QVP0087-501Z	TRIM RESISTOR	Vs VR 500Ω 0.3W N
△R9018	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J	R9425	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R9019	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9426	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9020	QRE121J-331Y	C RESISTOR	330Ω 1/2W J	R9435	QRE121J-124Y	C RESISTOR	120kΩ 1/2W J
△R9021	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J	R9436	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R9022	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9450	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9024	QRM059J-R15	MP RESISTOR	0.15Ω 5W J	R9451	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9025	QRM059J-R15	MP RESISTOR	0.15Ω 5W J	R9452	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9029	NRS144F-124X	MG RESISTOR	120kΩ 1/4W F	R9453	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R9030	NRS144F-124X	MG RESISTOR	120kΩ 1/4W F	R9454	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9031	NRS144F-224X	MG RESISTOR	220kΩ 1/4W F	R9455	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R9032	NRS144F-224X	MG RESISTOR	220kΩ 1/4W F	R9456	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R9033	NRS144F-124X	MG RESISTOR	120kΩ 1/4W F	R9457	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R9034	NRS144F-124X	MG RESISTOR	120kΩ 1/4W F	R9601	QRT01EJ-1R8X	MF RESISTOR	1.8Ω 1W J
R9035	QRE121J-472Y	C RESISTOR	4.7kΩ 1/2W J	R9603	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J
R9036	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	△R9604	QRZ9017-100	FUSI RESISTOR	10Ω 1/4W J
R9037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9605	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R9038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R9606	QRE121J-183Y	C RESISTOR	18kΩ 1/2W J
R9040	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R9607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9045	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	R9608	NRS12BJ-823W	MG RESISTOR	82kΩ 1/2W J
R9046	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9609	QRK126J-562X	UNF C RESISTOR	5.6kΩ 1/2W J
R9047	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	R9610	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9048	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R9611	QRT01EJ-1R0X	MF RESISTOR	1Ω 1W J
R9049	QRK126J-820X	UNF C RESISTOR	82Ω 1/2W J	R9613	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J
R9051	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	△R9614	QRZ9017-100	FUSI RESISTOR	10Ω 1/4W J
R9052	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R9615	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R9053	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	R9616	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R9054	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R9617	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9056	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	R9618	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R9057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9619	QRK126J-562X	UNF C RESISTOR	5.6kΩ 1/2W J
R9060	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	R9621	QRT01EJ-1R0X	MF RESISTOR	1Ω 1W J
R9061	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	R9623	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J
R9062	QRE121J-100Y	C RESISTOR	10Ω 1/2W J	△R9624	QRZ9017-100	FUSI RESISTOR	10Ω 1/4W J
R9063	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9625	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R9065	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9626	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R9066	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	R9627	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R9201	QRL03EJ-563X	OMF RESISTOR	56kΩ 3W J	R9628	QVP0087-202Z	TRIM RESISTOR	Vscan VR 2kΩ 0.3W N
R9202	QRL03EJ-563X	OMF RESISTOR	56kΩ 3W J	R9629	QRK126J-562X	UNF C RESISTOR	5.6kΩ 1/2W J
R9204	QRT02EJ-R27X	MF RESISTOR	0.27Ω 2W J	R9632	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R9205	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	R9635	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R9206	QRE121J-182Y	C RESISTOR	1.8kΩ 1/2W J	R9636	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R9207	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R9637	NRS12BJ-683W	MG RESISTOR	68kΩ 1/2W J
				R9638	NRS12BJ-683W	MG RESISTOR	68kΩ 1/2W J

△Ref No.	Part No.	Part Name	Description Local
R9639	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R9640	QVP0087-102Z	TRIM RESISTOR	Vset VR 1kΩ 0.3W N
R9641	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R9642	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R9643	NRS12BJ-683W	MG RESISTOR	68kΩ 1/2W J
R9644	NRS12BJ-683W	MG RESISTOR	68kΩ 1/2W J
R9645	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R9646	QVP0087-102Z	TRIM RESISTOR	Ve VR 1kΩ 0.3W N
R9647	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R9648	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
△R9649	QRZ9009-1R5	FUSI RESISTOR	1.5Ω 1/2W J
△R9650	QRZ9009-1R5	FUSI RESISTOR	1.5Ω 1/2W J
△R9651	QRZ9009-1R5	FUSI RESISTOR	1.5Ω 1/2W J
L9001	QQL26AM-4R7Z	COIL	4.7uH M
L9002	QQR1440-001	CHOKE COIL	
L9201	QQR1432-001	CHOKE COIL	
L9401	QQLZ026-5R0	COIL	5uH ±7%
L9631	QQR1432-001	CHOKE COIL	
△T9201	QQS0248-001	SW TRANSF	
△T9401	QQS0246-001	SW TRANSF	
△T9402	QQS0252-001	SW TRANSF	
△T9601	QQS0250-001	SW TRANSF	
△T9602	QQS0251-001	SW TRANSF	
△T9603	QQS0251-001	SW TRANSF	
△CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V
△CP9002	QMFZ052-2R0-E	FUSE	2A AC250V
△CP9202	ICP-N70-T	IC PROTECTOR	2.5A
△CP9601	QMFZ052-2R0-E	FUSE	2A AC250V
△LF9001	QQR1281-002	LINE FILTER	
RY9001	QSK0118-001	RELAY	
RY9002	QSK0090-001	RELAY	
TH9001	QAD0125-471	P THERMISTOR	110C°470Ω 16V
	LC41755-001A	RADIATION SHEET	
	CE41666-002	RADIATION SHEET	(x2)

SUB POWER P.W. BOARD ASS'Y (SFP-9104A) (LCA10422-02C)

△Ref No.	Part No.	Part Name	Description Local
IC9001	STR-W6765-F5	IC	
IC9051	UTCTL431-T	IC	
Q9071	KTC3199/YG/-T	TRANSISTOR	
D9001	MTZJ33B-T2	Z DIODE	
D9004	RGP10J-5025-T3	SI DIODE	
D9005	1SS133-T2	SI DIODE	
D9006	RGP10J-5025-T3	SI DIODE	
D9008	SARS01-T2	SI DIODE	
D9009	SARS01-T2	SI DIODE	
D9011	1SS133-T2	SI DIODE	
D9051	RU4YX-F1	SI DIODE	
D9052	RU4YX-F1	SI DIODE	
D9053	FMX-G12S	SI DIODE	
D9054	RGP10J-5025-T3	SI DIODE	
D9055	RD33E/B1/-T2	Z DIODE	
D9071	RU4YX-F1	SI DIODE	
D9072	1SS133-T2	SI DIODE	
D9073	MTZJ5.1A-T2	Z DIODE	
△PC9001	PS2581AL1/QW/	PHOTO COUPLER	
C9001	QEZO674-476	E CAPACITOR	47uF 450V M
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K
C9003	QCZ0354-471Z	C CAPACITOR	470pF 2kV K
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J
C9010	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C9011	QEHR1HM-336Z	E CAPACITOR	33uF 50V M
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M
C9053	QECQ1EM-228	E CAPACITOR	2200uF 25V M
C9054	QECQ1EM-228	E CAPACITOR	2200uF 25V M
C9055	QEHR2AM-106Z	E CAPACITOR	10uF 100V M
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J
C9060	QECQ1EM-228	E CAPACITOR	2200uF 25V M
C9072	QECQ1EM-228	E CAPACITOR	2200uF 25V M
C9073	QEHR1HM-105Z	E CAPACITOR	1uF 50V M
C9074	QEHR1HM-105Z	E CAPACITOR	1uF 50V M

△Ref No.	Part No.	Part Name	Description Local
△C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M
△C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J
R9002	QRT01EJ-R39X	MF RESISTOR	0.39Ω 1W J
R9004	QRL03EJ-563X	OMF RESISTOR	56kΩ 3W J
R9005	QRL03EJ-563X	OMF RESISTOR	56kΩ 3W J
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J
R9009	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J
△R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J
R9050	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J
R9055	QRA14CF-1802Y	CMF RESISTOR	18kΩ 1/4W F
R9057	QRA14CF-3301Y	CMF RESISTOR	3.3kΩ 1/4W F
R9058	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J
R9060	QRL02EJ-152X	OMF RESISTOR	1.5kΩ 2W J
R9071	QRL01EJ-821X	OMF RESISTOR	820Ω 1W J
R9072	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J
R9073	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J
R9074	QRE141J-822Y	C RESISTOR	8.2kΩ 1/4W J
R9075	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J
L9051	QQL26AK-220Z	COIL	22uH K
△T9001	QQS0279-001	SW TRANSF	
△CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V
△CP9051	ICP-N70-T	IC PROTECTOR	2.5A
△CP9071	ICP-N70-T	IC PROTECTOR	2.5A
△CP9072	ICP-N70-T	IC PROTECTOR	2.5A
△CP9073	ICP-N50-Y	IC PROTECTOR	2.0A

X-MAIN P.W. BOARD ASS'Y (LJ92-00943A)

△Ref No.	Part No.	Part Name	Description Local
△	LJ92-00943A	X-MAIN PWB	

Y-MAIN P.W. BOARD ASS'Y (LJ92-00944B)

△Ref No.	Part No.	Part Name	Description Local
△	LJ92-00944B	Y-MAIN PWB	

E-BUFFER P.W. BOARD ASS'Y (LJ92-00811A)

△Ref No.	Part No.	Part Name	Description Local
△	LJ92-00811A	E-BUFFER PWB	



F-BUFFER P.W. BOARD ASS'Y (LJ92-00812A)

△Ref No.	Part No.	Part Name	Description Local
△	LJ92-00812A	F-BUFFER PWB	



G-BUFFER P.W. BOARD ASS'Y (LJ92-00813A)

△Ref No.	Part No.	Part Name	Description Local
△	LJ92-00813A	G-BUFFER PWB	



LOGIC-MAIN P.W. BOARD ASS'Y (LJ92-00975A)

 Ref No.	Part No.	Part Name	Description	Local
	LJ92-00975A	LOGIC-MAIN PWB		

Y-BUFFER-U P.W. BOARD ASS'Y (LJ9200796A)

 Ref No.	Part No.	Part Name	Description	Local
	LJ9200796A	Y-BUFFER-U PWB		

Y-BUFFER-L P.W. BOARD ASS'Y (LJ9200797A)

 Ref No.	Part No.	Part Name	Description	Local
	LJ9200797A	Y-BUFFER-L PWB		

PRINTED WIRING BOARD PARTS LIST [PD-Z42DV4/S]

RECEIVER P.W. BOARD ASS'Y (SFP-0F301A) (LCA10476-01C)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

ANALOG SIGNAL P.W. BOARD ASS'Y (SFP-0A301A) (LCA10423-06B)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

AV JACK P.W. BOARD ASS'Y (SFP-0J301A) (LCA10445-02B)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SFP-0D302A) (LCA10428-09F)

△Ref No.	Part No.	Part Name	Description	Local
IC4001	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC	100pin	
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC	438pin	
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC	100pin	
IC3502	HY5DU283222AQ-5	IC	100pin	
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC	208pin	
IC4003	AT29LV01-Z42DV4	IC(MICRO C ROM)	(SERVICE)	
IC4004	AT24C256Z42DV4D	IC	(SERVICE)	
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KKB	IC(MCU)	or MN102HF60KKB 100pin	
IC7002	AT24C256-Z42DV4	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7501	SDA6000-B12	IC	128pin	
IC7502	S-80828CNNB-W	IC		
IC7503	K4S641632H-TC75	IC(DIGITAL)		
IC7504	MR27T1602F1KDTN	IC(MICRO C ROM)		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	AT24C32-Z42DV4	IC	(SERVICE)	
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		

△Ref No.	Part No.	Part Name	Description	Local
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	MA111-X	SI DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0519	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7510	NEH71CM-106X	E CAPACITOR	10uF 16V M	R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7521	NEH71CM-106X	E CAPACITOR	10uF 16V M	R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C7522	NEH71CM-106X	E CAPACITOR	10uF 16V M	R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7523	NEH71CM-476X	E CAPACITOR	47uF 16V M	R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7524	NEH71CM-476X	E CAPACITOR	47uF 16V M	R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7531	NEH71CM-476X	E CAPACITOR	47uF 16V M	R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7542	NEH70GM-227X	E CAPACITOR	220uF 4V M	R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
C7544	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7548	NEH70GM-227X	E CAPACITOR	220uF 4V M	R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
				R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R2010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6527	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6540	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R6541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3131	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

(No.YA101)3-33

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7503	NQL092K-4R7X	P COIL	4.7uH K
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7504	NQL092K-4R7X	P COIL	4.7uH K
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7505	NQL092K-4R7X	P COIL	4.7uH K
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7506	NQL914M-4R7X	COIL	4.7uH M
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7507	NQL092K-4R7X	P COIL	4.7uH K
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7509	NQL092K-4R7X	P COIL	4.7uH K
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7510	NQL092K-4R7X	P COIL	4.7uH K
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7511	NQL092K-4R7X	P COIL	4.7uH K
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7512	NQL914M-4R7X	COIL	4.7uH M
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7513	NQL914M-4R7X	COIL	4.7uH M
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7514	NQL092K-4R7X	P COIL	4.7uH K
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L9001	NQL71EM-150X	COIL	15uH M
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L9101	NQL71EM-150X	COIL	15uH M
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L9201	NQL71EM-150X	COIL	15uH M
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4				
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	J7001	QNS0001-001	3.5 JACK	AV COMPULINK
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	K1001	NQR0489-002X	FERRITE BEADS	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	K1002	NQR0489-002X	FERRITE BEADS	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	K1003	NQR0489-002X	FERRITE BEADS	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	K1004	NQR0489-002X	FERRITE BEADS	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	K6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6513	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6514	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6516	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB2001	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	K6011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB2002	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	K6012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB2003	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
				K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0101	NQL092K-2R2X	P COIL	2.2uH K	K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0201	NQL092K-2R2X	P COIL	2.2uH K	K6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0301	NQL092K-2R2X	P COIL	2.2uH K	K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J
L1003	NQL092K-1R5X	P COIL	1.5uH K	K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K7503	NQR0389-003X	FERRITE BEADS	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC0519	NQR0416-001X	EMI FILTER	240pF 16V M
L1008	NQL79GM-220X	COIL	22uH M	LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z
L1011	NQL79GM-470X	COIL	47uH M	SL7001	NAX0613-001X	C RESONATOR	
L1101	NQL092K-6R8X	P COIL	6.8uH K	X1001	NAX0642-001X	CRYSTAL	
L1102	NQR0489-002X	FERRITE BEADS		X3001	NAX0635-001X	CXO	
L1103	NQL092K-1R0X	P COIL	1uH K	X3002	NAX0667-001X	CXO	
L1201	NQL092K-6R8X	P COIL	6.8uH K	X4001	NAX0669-001X	C RESONATOR	
L1203	NQL092K-1R0X	P COIL	1uH K	X7501	NAX0618-001X	CRYSTAL	
L1301	NQL092K-6R8X	P COIL	6.8uH K		PU59915-105	SPACER	
L1303	NQL092K-1R0X	P COIL	1uH K				
L1401	NQL092K-6R8X	P COIL	6.8uH K				
L1403	NQL092K-1R0X	P COIL	1uH K				
L1501	NQL092K-4R7X	P COIL	4.7uH K				
L3001	NQR0489-002X	FERRITE BEADS					
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L4001	NQR0413-003X	FERRITE BEADS					
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L6501	NQR0351-001X	FERRITE BEADS					
L6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J				
L6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J				
L6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J				
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L7501	NQL092K-4R7X	P COIL	4.7uH K				
L7502	NQL092K-4R7X	P COIL	4.7uH K				

INTERFACE P.W. BOARD ASS'Y (SFP-7302A) (LCA10424-07B)

△Ref No.	Part No.	Part Name	Description Local
IC103	BA05FP-X	IC	
IC801	BA033FP-X	IC	
IC802	BA033FP-X	IC	
IC805	AT24C16-Z42DV4	IC	(SERVICE)
IC807	HD6433685A30H	IC(MCU)	or HD64F3687A30H
IC809	S-80840CLNB-W	IC	
Q101	2SC3928A/QR/-X	TRANSISTOR	
Q803	2SA1530A/QR/-X	TRANSISTOR	
Q805	2SK2090-X	MOS FET	
Q806	2SK2090-X	MOS FET	
Q807	2SA1530A/QR/-X	TRANSISTOR	
Q813	2SK2090-X	MOS FET	
Q814	2SK2090-X	MOS FET	
Q815	2SC3928A/QR/-X	TRANSISTOR	
D803	MA111-X	SI DIODE	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
D804	MA8056/M-X	Z DIODE		R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
D903	MA111-X	SI DIODE		R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C114	NEH71AM-107X	E CAPACITOR	100uF 10V M	R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C117	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R903	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C810	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C821	NEH71CM-106X	E CAPACITOR	10uF 16V M	R931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R939	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	R940	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R402	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R971	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R974	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R975	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R976	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R812	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R978	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R813	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R979	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R980	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R981	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L801	NQR0351-001X	FERRITE BEADS	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L802	NQR0351-001X	FERRITE BEADS	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	X802	NAX0613-001X	C RESONATOR	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J				
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J				
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J				
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J				
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J				
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J				
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J				
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J				
R892	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				

AUDIO P.W. BOARD ASS'Y (SFP-6003A) (LCA10420-03C)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

FRONT CONTROL P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

TEMP. SENSOR P.W. BOARD ASS'Y (SFP-8201A) (LCA10446-01D)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SFP-9203A) (LCA10426-01B)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

**LINE FILTER P.W. BOARD ASS'Y
(SFP-9303A) (LCA10427-06A)**

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

**MAIN POWER P.W. BOARD ASS'Y
(SFP-9301A) (LCA10453-05B)**

REFER TO PARTS LIST IN PAGE 3-25 FOR THIS P.W. BOARD.

**SUB POWER P.W. BOARD ASS'Y
(SFP-9104A) (LCA10422-02C)**

REFER TO PARTS LIST IN PAGE 3-27 FOR THIS P.W. BOARD.

X-MAIN P.W. BOARD ASS'Y (LJ92-00943A)

REFER TO PARTS LIST IN PAGE 3-27 FOR THIS P.W. BOARD.

Y-MAIN P.W. BOARD ASS'Y (LJ92-00944B)

REFER TO PARTS LIST IN PAGE 3-27 FOR THIS P.W. BOARD.

E-BUFFER P.W. BOARD ASS'Y (LJ92-00811A)

REFER TO PARTS LIST IN PAGE 3-27 FOR THIS P.W. BOARD.

F-BUFFER P.W. BOARD ASS'Y (LJ92-00812A)

REFER TO PARTS LIST IN PAGE 3-27 FOR THIS P.W. BOARD.

G-BUFFER P.W. BOARD ASS'Y (LJ92-00813A)

REFER TO PARTS LIST IN PAGE 3-27 FOR THIS P.W. BOARD.

LOGIC-MAIN P.W. BOARD ASS'Y (LJ92-00975A)

REFER TO PARTS LIST IN PAGE 3-28 FOR THIS P.W. BOARD.

Y-BUFFER-U P.W. BOARD ASS'Y (LJ9200796A)

REFER TO PARTS LIST IN PAGE 3-28 FOR THIS P.W. BOARD.

Y-BUFFER-L P.W. BOARD ASS'Y (LJ9200797A)

REFER TO PARTS LIST IN PAGE 3-28 FOR THIS P.W. BOARD.

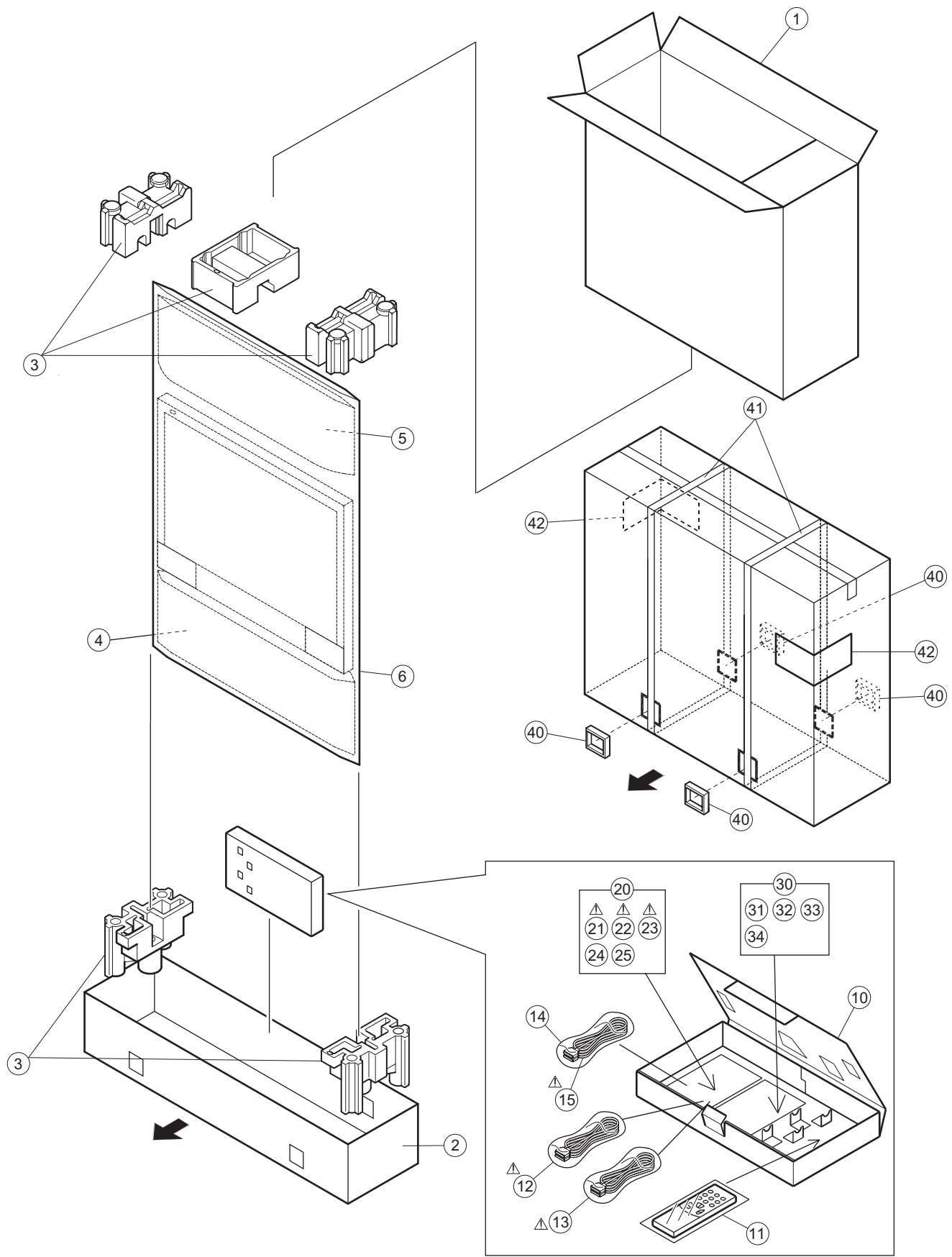
REMOTE CONTROL UNIT PARTS LIST (RM-C1830-1C)

△ Ref.No.	Part No.	Part Name	Description	Local
	2AA070311	BATTERY COVER		

PACKING PARTS LIST

△ Ref.No.	Part No.	Part Name	Description	Local
1	LC21719-001A-H	PACKING CASE	TOP	PD-Z42DV4
1	LC21726-001A-H	PACKING CASE	TOP	PD-Z42DV4/S
2	LC21718-001A-H	PACKING CASE	BOTTOM	
3	LC12061-001A-H	CUSHION ASS'Y	5pcs in 1set	
4	LC41035-005A	POLY BAG		
5	LC41035-003A	POLY BAG		
6	LC30236-005A	POLY BAG		
10	LC21264-001A	PACKING CASE	ACCESSORY	
11	RM-C1830-1C	REMOCON UNIT		
△ 12	QMPP170-200-JC	POWER CORD(EK)	2m BLACK	
△ 13	QMPB560-180-JC	POWER CORD(JP)	1.8m BLACK	PD-Z42DV4
△ 13	QMPB320-180-R	POWER CORD(JP)	1.8m BLACK	PD-Z42DV4/S
14	QPA01203005	POLY BAG	12cm x 30cm	
△ 15	QMPL050-250-K	POWER CORD(EU)	2.5m BLACK	PD-Z42DV4
20	CP30966-001-H	POLY BAG		
△ 21	LCT1667-001A	CAUTION BOOK		
△ 22	LCT1665-001A	INST BOOK	English	
△ 23	LCT1666-001A	INST BOOK	Russian/Frech/Chinese/Arabic/Persian	
24	LCT1716-001A	INST SHEET		PD-Z42DV4
24	LCT1715-001A	INST SHEET		PD-Z42DV4/S
25	BT-54013-7E	WARRANTY CARD		
30	QPA01203005	POLY BAG	12cm x 30cm	
31	-----	BATTERY	AA/R6 (x2)	
32	QYSPSPD5016MA	SCREW	For MOUNTING HOOK(x2)	
33	LC41320-001A	NYRON CLUMP	HOOK(x2)	
34	QQR1454-001	CORE FILTER	For POWER CORD(x2)	PD-Z42DV4
34	QQR0491-001	CORE FILTER	For POWER CORD GRAY	PD-Z42DV4/S
40	CP30903-001	JOINT	(x4)	
41	CP30371-00D	BAND	(x2)	
42	LC20989-001A-H	CORNER LABEL	(x2)	

PACKING



USING P.W. BOARD & REMOTE CONTROL UNIT

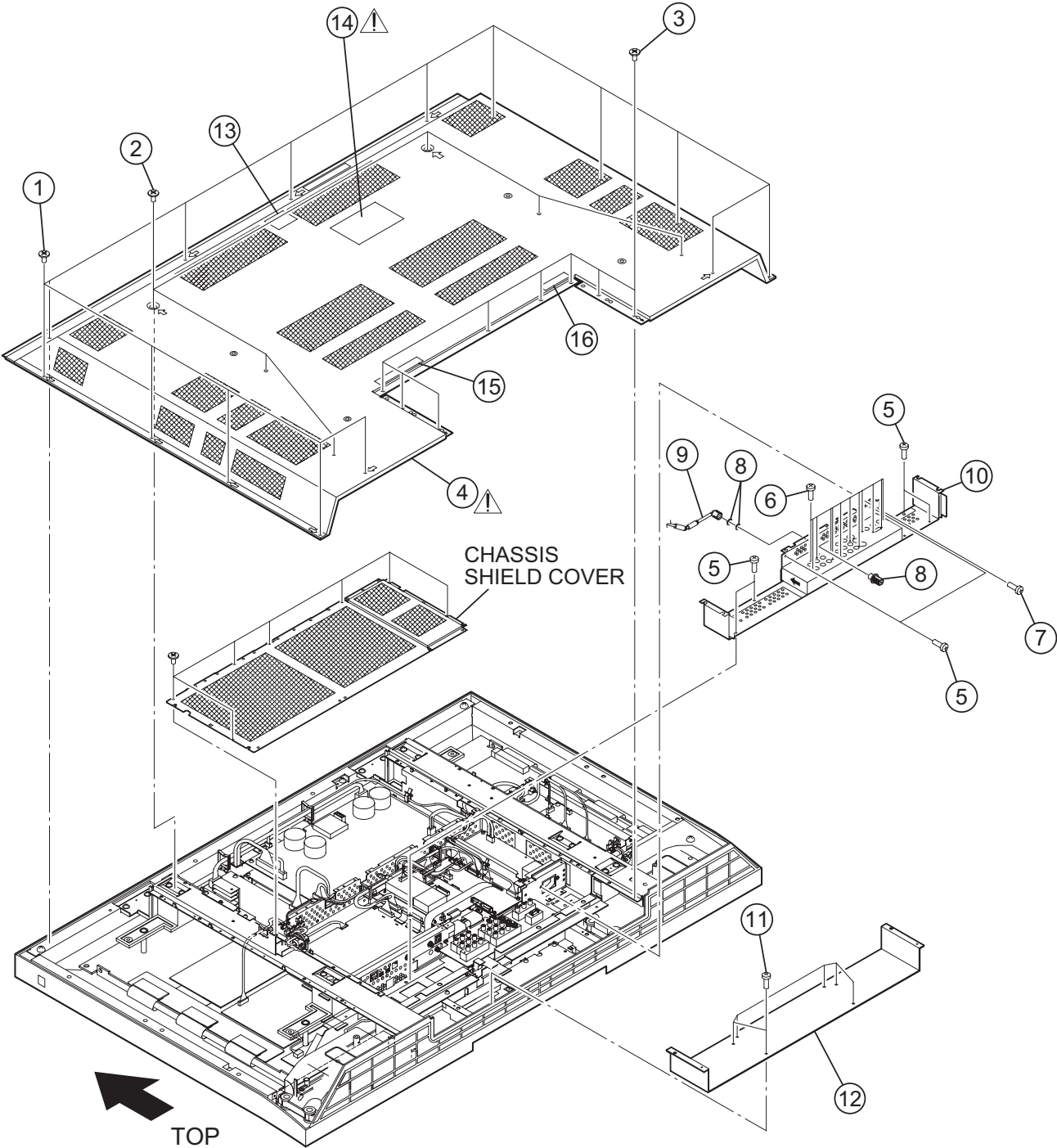
[PD-Z35DV4, PD-Z35DV4/S]

P.W.B ASS'Y	PD-Z35DV4	PD-Z35DV4/S
RECEIVER P.W.B	LCA10476-01C (SFP-0F301A)	←
ANALOG SIGNAL P.W.B	LCA10423-06B (SFP-0A301A)	←
AV JACK P.W.B	LCA10445-02B (SFP-0J301A)	←
DIGITAL SIGNAL P.W.B	LCA10428-11F (SFP-0D304A)	LCA10428-12F (SFP-0D305A)
INTERFACE P.W.B	LCA10424-09B (SFP-7304A)	LCA10424-10B (SFP-7305A)
AUDIO P.W.B	LCA10420-07C (SFP-6007A)	←
FRONT CONTROL P.W.B	LCA10446-01D (SFP-8201A)	←
FRONT LED P.W.B	LCA10446-01D (SFP-8201A)	←
TEMP. SENSOR P.W.B	LCA10446-01D (SFP-8201A)	←
REGULATOR P.W.B	LCA10426-01B (SFP-9203A)	←
LINE FILTER P.W.B	LCA10427-07A (SFP-9304A)	←
SUB POWER P.W.B	LCA10422-02C (SFP-9104A)	←
PDP UNIT		
PANEL POWER P.W.B	NE-9S899437	←
SCANNING DRIVE P.W.B	NE-9S899376	←
BRIDGE P.W.B	NE-9S899594	←
COMMON DRIVE P.W.B	NE-9S899382	←
SIGNAL DRIVE-L P.W.B	NE-9S899510	←
SIGNAL DRIVE-R P.W.B	NE-9S899492	←
LOGIC CONTROL P.W.B	NE-9S899635	←
REMOTE CONTROL UNIT	RM-C1830-1C	←

EXPLODED VIEW PARTS LIST - 1

△	Ref.No.	Part No.	Part Name	Description	Local
	1	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x14)	
	2	LC41647-001B	SCREW	(x6)	
	3	QYSBSG3008MA	TAP SCREW	M3 x 8mm(x8)	
△	4	LC11906-001B	REAR COVER		
	5	QYSBSG3008MA	TAP SCREW	M3 x 8mm(x6)	
	6	QYSDSF3008MA	TAP SCREW	M3 x 8mm(x12)	
	7	QYSBSG3012MA	TAP SCREW	M3 x 12mm	
	8	CE42112-002	PALJ CONNECTOR		
	9	WJX0006-003A	E-COAXIAL ASS'Y		
	10	LC11933-003C	TERMINAL COVER		
	11	QYSBSG3008MA	TAP SCREW	M3 x 8mm(x6)	
	12	LC11893-001A	CENTER COVER		
	13	LC41693-001A	CAUTION LABEL		
△	14	LC21209-008A-0L	RATING LABEL		PD-Z35DV4
△	14	LC21209-009A-0L	RATING LABEL		PD-Z35DV4/S
	15	LC32822-003A	TERMINAL LABEL		
	16	LC41694-001A	INLET LABEL		

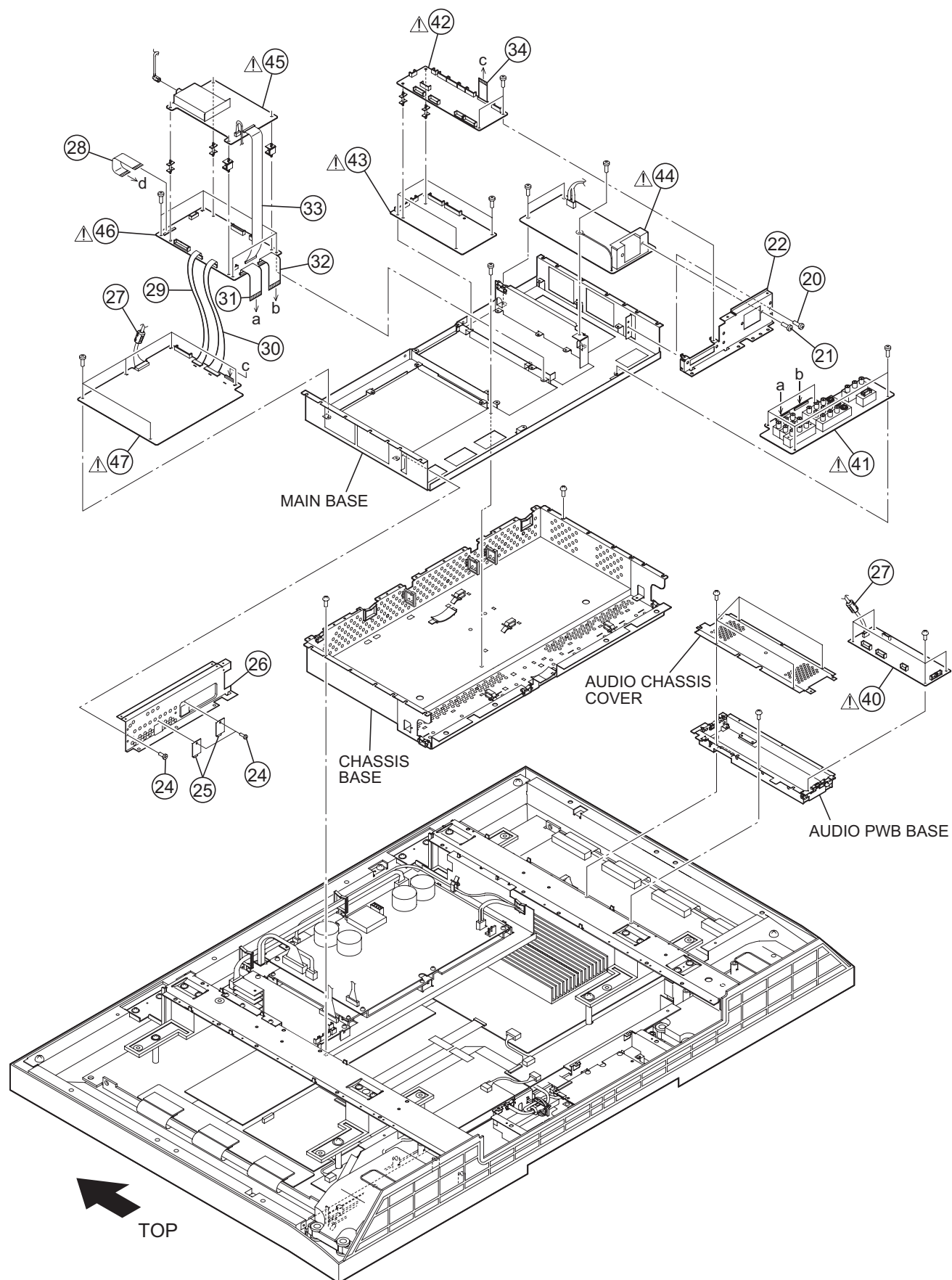
EXPLODED VIEW - 1



EXPLODED VIEW PARTS LIST - 2

△	Ref.No.	Part No.	Part Name	Description	Local
	20	QYSBSG3012MA	TAP SCREW	M3 x 12mm	
	21	QYSBSG3008MA	TAP SCREW	M3 x 8mm	
	22	LC21553-001C	AC INLET PANEL		
	24	QYSBSG3008MA	TAP SCREW	M3 x 8mm(x3)	
	25	LC41903-001A	CONNECT COVER	(x2)	
	26	LC21550-004B	DIGITAL TERMINAL COVER		
	27	QQR0491-001	FERRITE CORE	GRAY(x2)	
	28	QUQ105-5034AE	FFC WIRE	50pin 34cm	
	29	QUQ105-3004AA	FFC WIRE	30pin 4cm	
	30	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	31	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	32	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	33	QUQ105-4004AA	FFC WIRE	40pin 4cm	
	34	QUQ105-3022AH	FFC WIRE	30pin 22cm	
△	40	LCA10420-07C	AUDIO PWB		
△	41	LCA10445-02B	AV JACK PWB		
△	42	LCA10424-09B	INTERFACE PWB		PD-Z35DV4
△	42	LCA10424-10B	INTERFACE PWB		PD-Z35DV4/S
△	43	LCA10426-01B	REGULATOR PWB		
△	44	LCA10427-07A	LINE FILTER PWB		
△	45	LCA10476-01C	RECEIVER PWB		
△	46	LCA10423-06B	ANALOG SIGNAL PWB		
△	47	LCA10428-11F	DIGITAL SIGNAL PWB		PD-Z35DV4
△	47	LCA10428-12F	DIGITAL SIGNAL PWB		PD-Z35DV4/S

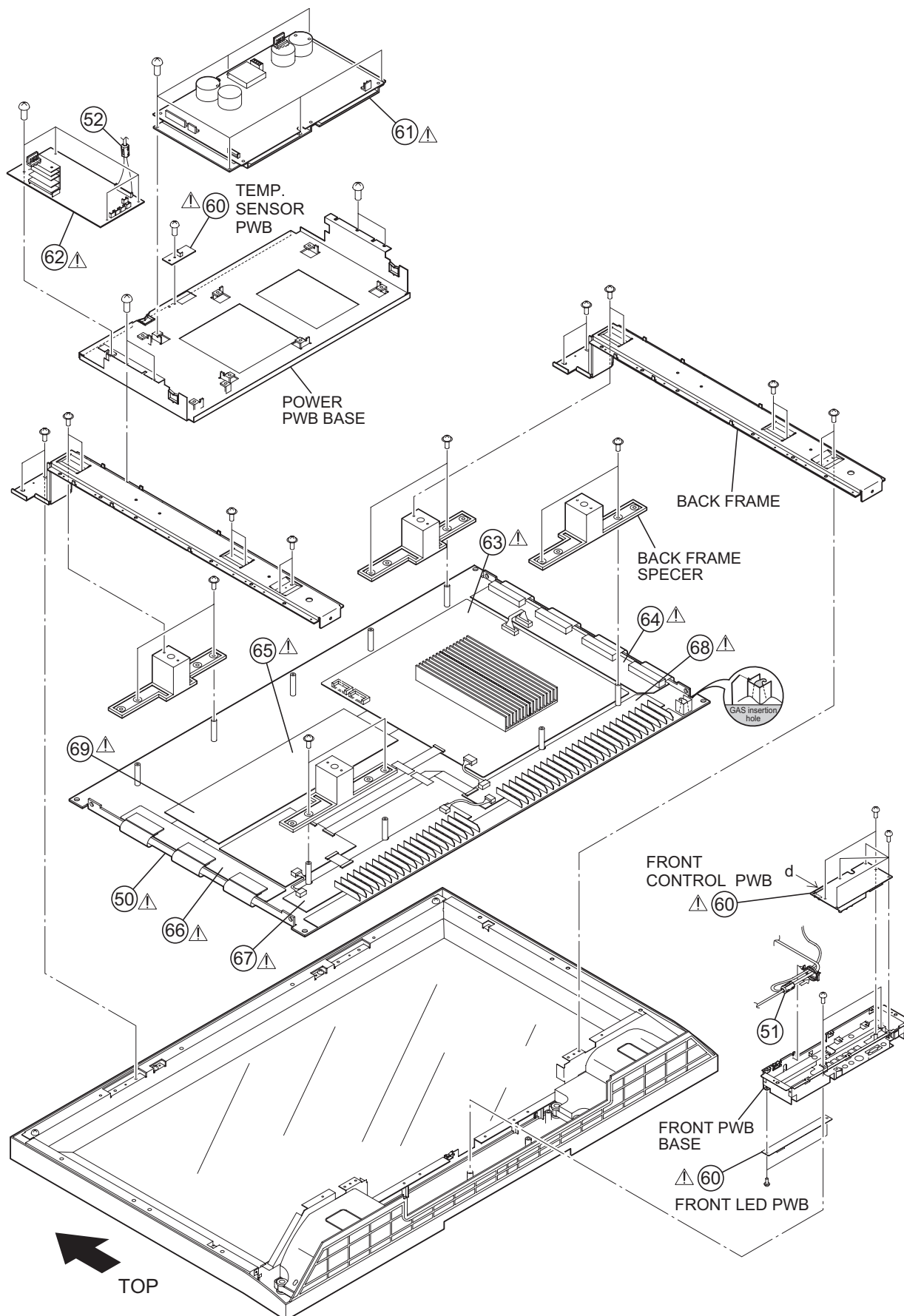
EXPLODED VIEW - 2



EXPLODED VIEW PARTS LIST - 3

△	Ref.No.	Part No.	Part Name	Description	Local
△	50	QLE0021-001	PDP	Inc.PWB in PDP UNIT	
	51	QQR0491-001	FERRITE CORE	GRAY	
	52	QQR0918-001	CORE FILTER		
△	60	LCA10446-01D	FRONT CONTROL PWB ASS'Y	Inc.TEMP. SENSOR PWB, FRONT LED PWB	
△	61	QAL0619-001	MAIN POWER UNIT		
△	62	LCA10422-02C	SUB POWER PWB		
△	63	NE-9S899437	PANEL POWER PWB		
△	64	NE-9S899376	SCANNING DRIVE PWB		
△	65	NE-9S899594	BRIDGE PWB		
△	66	NE-9S899382	COMMON DRIVE PWB		
△	67	NE-9S899510	SIGNAL DRIVE-L PWB		
△	68	NE-9S899492	SIGNAL DRIVE-R PWB		
△	69	NE-9S899635	LOGIC CONTROL PWB		

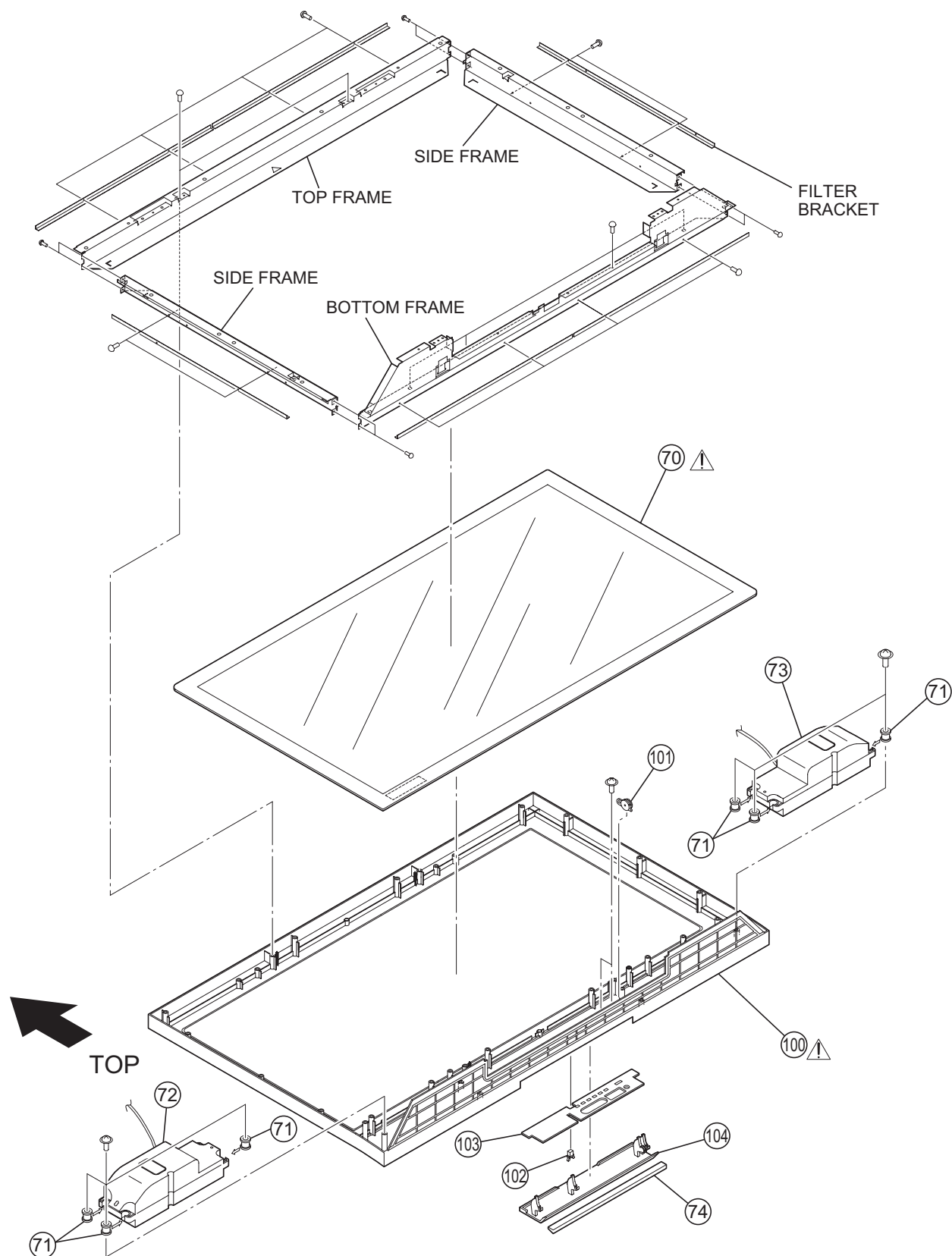
EXPLODED VIEW - 3



EXPLODED VIEW PARTS LIST - 4

△	Ref.No.	Part No.	Part Name	Description	Local
△	70	LC32022-001A	FRONT FILTER		PD-Z35DV4
△	70	LC32311-001A	FRONT FILTER		PD-Z35DV4/S
	71	LC40226-003A-H	SPACER	(x6)	
	72	LC41915-001A-C	SPEAKER ASS'Y(R)		
	73	LC41915-002A-C	SPEAKER ASS'Y(L)		
	74	LC32634-001B	REMOCON WINDOW		
△	100	LC11959-004B	FRONT PANEL ASS'Y	Inc.101,102,103,104	
	101	PEME0904	DAMPER UNIT	(x2)	
	102	PU60005	PUSH OPEN UNIT		
	103	LC32636-005B	CONTROL SHEET		
	104	LC21671-001A	DOOR ASS'Y		

EXPLODED VIEW - 4



PRINTED WIRING BOARD PARTS LIST [PD-Z35DV4]

RECEIVER P.W. BOARD ASS'Y (LCA10476-01C) (SFP-0F301A)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

ANALOG SIGNAL P.W. BOARD ASS'Y (LCA10423-06B) (SFP-0A301A)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

AV JACK P.W. BOARD ASS'Y (LCA10445-02B) (SFP-0J301A)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10428-11F) (SFP-0D304A)

△Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC	100pin	
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC	438pin	
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC	100pin	
IC3502	HY5DU283222AQ-5	IC	100pin	
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC	208pin	
IC4003	AT29LV01-Z42DV4	IC(MICRO C ROM)	(SERVICE)	
IC4004	AT24C256Z35DV4D	IC	(SERVICE)	
IC6501	DS90C387VJD	IC	100pin	
IC6504	DS90LV018ATM-X	IC		
IC7001	MN102H60KKB	IC(MCU)	or MN102HF60KKB 100pin	
IC7002	AT24C256-Z42DV4	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7501	SDA6000-B12	IC	128pin	
IC7502	S-80828CNNB-W	IC		
IC7503	K4S641632H-TC75	IC(DIGITAL)		
IC7504	MR27T1602F1KDTN	P2ROM		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	AT24C32-Z42DV4	IC	(SERVICE)	
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		

△Ref No.	Part No.	Part Name	Description	Local
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	MA111-X	SI DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0519	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1511	NRS A63J-105X	MG RESISTOR	1MΩ 1/16W J	C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C6505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	C6507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7510	NEH71CM-106X	E CAPACITOR	10uF 16V M	R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7521	NEH71CM-106X	E CAPACITOR	10uF 16V M	R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C7522	NEH71CM-106X	E CAPACITOR	10uF 16V M	R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7523	NEH71CM-476X	E CAPACITOR	47uF 16V M	R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7524	NEH71CM-476X	E CAPACITOR	47uF 16V M	R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7531	NEH71CM-476X	E CAPACITOR	47uF 16V M	R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7542	NEH70GM-227X	E CAPACITOR	220uF 4V M	R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
C7544	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7548	NEH70GM-227X	E CAPACITOR	220uF 4V M	R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
				R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3131	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R2010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6506	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6523	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6525	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6526	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J		L6506	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J		L6507	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J		L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J		L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7501	NQL092K-4R7X	P COIL	4.7uH K	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7502	NQL092K-4R7X	P COIL	4.7uH K	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7503	NQL092K-4R7X	P COIL	4.7uH K	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7504	NQL092K-4R7X	P COIL	4.7uH K	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7505	NQL092K-4R7X	P COIL	4.7uH K	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7506	NQL914M-4R7X	COIL	4.7uH M	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7507	NQL092K-4R7X	P COIL	4.7uH K	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7509	NQL092K-4R7X	P COIL	4.7uH K	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7510	NQL092K-4R7X	P COIL	4.7uH K	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7511	NQL092K-4R7X	P COIL	4.7uH K	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7512	NQL914M-4R7X	COIL	4.7uH M	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7513	NQL914M-4R7X	COIL	4.7uH M	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7514	NQL092K-4R7X	P COIL	4.7uH K	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L9001	NQL71EM-150X	COIL	15uH M	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L9101	NQL71EM-150X	COIL	15uH M	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L9201	NQL71EM-150X	COIL	15uH M	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		K1001	NQR0489-002X	FERRITE BEADS		
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		K1002	NQR0489-002X	FERRITE BEADS		
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		K1003	NQR0489-002X	FERRITE BEADS		
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		K1004	NQR0489-002X	FERRITE BEADS		
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K6004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K6005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA6511	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA6512	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J		K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB2001	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J		K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB2002	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J		K6011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB2003	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J		K6012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	P COIL	2.2uH K		K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0201	NQL092K-2R2X	P COIL	2.2uH K		K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0301	NQL092K-2R2X	P COIL	2.2uH K		K6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L1003	NQL092K-1R5X	P COIL	1.5uH K		K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K7503	NQR0389-003X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M		LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
L1011	NQL79GM-470X	COIL	47uH M		LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	
L1101	NQL092K-6R8X	P COIL	6.8uH K		LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
L1102	NQR0489-002X	FERRITE BEADS			SL7001	NAX0613-001X	C RESONATOR		
L1103	NQL092K-1R0X	P COIL	1uH K		X1001	NAX0642-001X	CRYSTAL		
L1201	NQL092K-6R8X	P COIL	6.8uH K		X3001	NAX0635-001X	CXO		
L1203	NQL092K-1R0X	P COIL	1uH K		X3002	NAX0667-001X	CXO		
L1301	NQL092K-6R8X	P COIL	6.8uH K		X4001	NAX0669-001X	C RESONATOR		
L1303	NQL092K-1R0X	P COIL	1uH K		X7501	NAX0618-001X	CRYSTAL		
L1401	NQL092K-6R8X	P COIL	6.8uH K			PU59915-105	SPACER		
L1403	NQL092K-1R0X	P COIL	1uH K						
L1501	NQL092K-4R7X	P COIL	4.7uH K						
L3001	NQR0489-002X	FERRITE BEADS							
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L4001	NQR0413-003X	FERRITE BEADS							
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L6501	NQR0351-001X	FERRITE BEADS							
L6503	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J						
L6504	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J						
L6505	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J						

INTERFACE P.W. BOARD ASS'Y (LCA10424-09B) (SFP-7304A)

△Ref No.	Part No.	Part Name	Description	Local
IC103	BA05FP-X	IC		
IC801	BA033FP-X	IC		
IC802	BA033FP-X	IC		
IC805	AT24C16-Z35DV4	IC	(SERVICE)	
IC807	HD6433685A30H	IC(MCU)	or HD64F3687A30H	
IC809	S-80840CLNB-W	IC		

△Ref No.	Part No.	Part Name	Description Local
Q101	2SC3928A/QR/-X	TRANSISTOR	
Q803	2SA1530A/QR/-X	TRANSISTOR	
Q805	2SK2090-X	MOS FET	
Q806	2SK2090-X	MOS FET	
Q807	2SA1530A/QR/-X	TRANSISTOR	
Q811	2SK2090-X	MOS FET	
Q813	2SK2090-X	MOS FET	
Q814	2SK2090-X	MOS FET	
Q815	2SC3928A/QR/-X	TRANSISTOR	
D803	MA111-X	SI DIODE	
D804	MA8056/M/-X	Z DIODE	
D903	MA111-X	SI DIODE	
C114	NEH71AM-107X	E CAPACITOR	100uF 10V M
C117	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C810	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C821	NEH71CM-106X	E CAPACITOR	10uF 16V M
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R402	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R812	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R813	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R892	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R903	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R913	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R926	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R930	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R939	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R940	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R962	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R963	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R968	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R971	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R974	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R975	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R976	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R978	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R979	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R980	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R981	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
L801	NQR0351-001X	FERRITE BEADS	
L802	NQR0351-001X	FERRITE BEADS	
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
X802	NAX0613-001X	C RESONATOR	

AUDIO P.W. BOARD ASS'Y (LCA10420-07C) (SFP-6007A)

△Ref No.	Part No.	Part Name	Description Local
IC6521	NJW1137M-W	IC	
IC6551	RC4558D-X	IC	
IC6552	RC4558D-X	IC	
IC6621	LM393DR-X	IC	
IC6661	TDA8925ST/N1	IC	
IC6671	BA12FP-X	IC	12V Regulator
Q6521	2SC3928A/QR/-X	TRANSISTOR	
Q6522	2SC3928A/QR/-X	TRANSISTOR	
Q6523	2SA1530A/QR/-X	TRANSISTOR	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
Q6531	2SC3928A/QR/-X	TRANSISTOR		C6625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
Q6532	2SC3928A/QR/-X	TRANSISTOR		C6626	NCB31HK-222X	C CAPACITOR	2200pF 50V K
Q6533	2SC3928A/QR/-X	TRANSISTOR		C6627	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
Q6534	2SA1530A/QR/-X	TRANSISTOR		C6628	QETN1HM-226Z	E CAPACITOR	22uF 50V M
Q6538	2SC3928A/QR/-X	TRANSISTOR		C6629	NCB31HK-222X	C CAPACITOR	2200pF 50V K
Q6539	2SC3928A/QR/-X	TRANSISTOR		C6630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
Q6661	UN2112-X	DIGI TRANSISTOR		C6631	NCB31HK-222X	C CAPACITOR	2200pF 50V K
Q6662	2SC3928A/QR/-X	TRANSISTOR		C6632	NCB31HK-332X	C CAPACITOR	3300pF 50V K
Q6663	UN2212-X	DIGI TRANSISTOR		C6661	NCB11EK-105X	C CAPACITOR	1uF 25V K
Q6672	2SC3928A/QR/-X	TRANSISTOR		C6662	NCB11EK-105X	C CAPACITOR	1uF 25V K
Q6673	2SA1530A/QR/-X	TRANSISTOR		C6663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6664	QETN1HM-226Z	E CAPACITOR	22uF 50V M
D6501	MA111-X	SI DIODE		C6665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D6502	MA111-X	SI DIODE		C6666	QETN1HM-226Z	E CAPACITOR	22uF 50V M
D6503	MA111-X	SI DIODE		C6667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D6504	MA111-X	SI DIODE		C6668	NCB31HK-561X	C CAPACITOR	560pF 50V K
D6601	MA8062/M/-X	Z DIODE		C6669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
D6663	MA8033-X	Z DIODE		C6670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
D6671	MA8200-X	Z DIODE		C6671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
D6672	MA8200-X	Z DIODE		C6672	QETN1EM-477Z	E CAPACITOR	470uF 25V M
D6673	MA8200-X	Z DIODE		C6673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D6674	MA8200-X	Z DIODE		C6674	QETN1EM-477Z	E CAPACITOR	470uF 25V M
D6681	MA111-X	SI DIODE		C6675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D6682	MA111-X	SI DIODE		C6676	NCB31HK-561X	C CAPACITOR	560pF 50V K
D6683	MA111-X	SI DIODE		C6677	NCB31HK-561X	C CAPACITOR	560pF 50V K
				C6678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
C6503	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C6679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C6504	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C6680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C6505	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	C6681	NCB31HK-561X	C CAPACITOR	560pF 50V K
C6508	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C6682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6509	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C6683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6510	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	C6684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6511	QETN1EM-476Z	E CAPACITOR	47uF 25V M	C6685	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C6512	QETN1EM-476Z	E CAPACITOR	47uF 25V M	C6686	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6513	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6687	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C6514	QETN1EM-476Z	E CAPACITOR	47uF 25V M	C6692	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6515	QETN1CM-476Z	E CAPACITOR	47uF 16V M	C6693	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6516	NCB31HK-103X	C CAPACITOR	0.01uF 50V K				
C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	R6502	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	R6503	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C6521	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R6504	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R6505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	R6506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K	R6508	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
C6526	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6509	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C6527	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R6510	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C6528	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R6511	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R6512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	R6513	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K	R6514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6533	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6515	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C6534	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R6516	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C6535	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R6517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6536	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6518	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C6537	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R6519	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C6538	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R6520	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6539	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6521	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6540	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6541	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
C6542	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6543	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R6525	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6544	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6551	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
C6552	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R6530	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6553	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6554	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
C6555	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6556	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6557	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6559	QETN1CM-476Z	E CAPACITOR	47uF 16V M	R6536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6561	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6562	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6563	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C6564	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K	R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K	R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C6585	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C6586	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R6552	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J	R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C6605	QETN1CM-476Z	E CAPACITOR	47uF 16V M	R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C6621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R6555	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C6622	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C6623	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R6557	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C6624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R6558	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local
R6559	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R6560	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R6578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R6580	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R6592	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6593	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6594	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6595	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6596	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6607	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6617	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R6621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R6622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R6624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J
R6625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6626	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R6627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6630	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R6631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R6633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R6634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6635	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
R6661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R6664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R6666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
R6667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R6668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J
R6669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R6670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R6674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R6675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R6676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6680	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6681	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R6682	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R6683	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6684	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R6685	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R6686	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R6688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R6693	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L6661	QQL28AK-560	COIL	56uH K
L6662	QQL28AK-560	COIL	56uH K
K6601	QQR0621-002Z	FERRITE BEADS	
K6602	QQR0621-002Z	FERRITE BEADS	

FRONT CONTROL P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

TEMP. SENSOR P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (LCA10426-01B) (SFP-9203A)

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

LINE FILTER P.W. BOARD ASS'Y (LCA10427-06A) (SFP-9303A)

△Ref No.	Part No.	Part Name	Description Local
△C9901	QFZ9073-225	MM CAPACITOR	2.2uF AC250V M
△C9912	QCZ9079-681	C CAPACITOR	680pF AC250V K
△C9913	QCZ9079-681	C CAPACITOR	680pF AC250V K
△C9915	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M
△R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K
△F9901	QMFZ041-100-J1	FUSE	10A 250V
△J9901	QNC0103-001	AC INLET(NOISE)	
△LF9901	QQR1281-002	LINE FILTER	
△VA9901	ERZV10V621CS	ZNR	
	LC32445-001B	AC INLET BKT	

SUB POWER P.W. BOARD ASS'Y (LCA10422-02C) (SFP-9104A)

REFER TO PARTS LIST IN PAGE 3-27 FOR THIS P.W. BOARD.

PANEL POWER P.W. BOARD ASS'Y (NE-9S899437)

△Ref No.	Part No.	Part Name	Description Local
△	NE-9S899437	PANEL POWER PWB	

SCANNING DRIVE P.W. BOARD ASS'Y (NE-9S899376)

△Ref No.	Part No.	Part Name	Description Local
△	NE-9S899376	SCANNING DRIVE PWB	

BRIDGE P.W. BOARD ASS'Y (NE-9S899594)

△Ref No.	Part No.	Part Name	Description Local
△	NE-9S899594	BRIDGE PWB	

COMMON DRIVE P.W. BOARD ASS'Y (NE-9S899382)

△Ref No.	Part No.	Part Name	Description Local
△	NE-9S899382	COMMON DRIVE PWB	

SIGNAL DRIVE-L P.W. BOARD ASS'Y (NE-9S899510)

△Ref No.	Part No.	Part Name	Description	Local
△	NE-9S899510	SIGNAL DRIVE-L PWB		

SIGNAL DRIVE-R P.W. BOARD ASS'Y (NE-9S899492)

△Ref No.	Part No.	Part Name	Description	Local
△	NE-9S899492	SIGNAL DRIVE-R PWB		

LOGIC CONTROL P.W. BOARD ASS'Y (NE-9S899635)

△Ref No.	Part No.	Part Name	Description	Local
△	NE-9S899635	LOGIC CONTROL PWB		

PRINTED WIRING BOARD PARTS LIST [PD-Z35DV4/S]

RECEIVER P.W. BOARD ASS'Y (LCA10476-01C) (SFP-0F301A)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

ANALOG SIGNAL P.W. BOARD ASS'Y (LCA10423-06B) (SFP-0A301A)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

AV JACK P.W. BOARD ASS'Y (LCA10445-02B) (SFP-0J301A)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (LCA10428-12F) (SFP-0D305A)

△Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC	100pin	
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC	438pin	
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC	100pin	
IC3502	HY5DU283222AQ-5	IC	100pin	
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC	208pin	
IC4003	AT29LV01-Z42DV4	IC(MICRO C ROM)	(SERVICE)	
IC4004	AT24C256Z35DV4D	IC	(SERVICE)	
IC6501	DS90C387VJD	IC	100pin	
IC6504	DS90LV018ATM-X	IC		
IC7001	MN102H60KKB	IC(MCU)	or MN102HF60KKB 100pin	
IC7002	AT24C256-Z42DV4	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7501	SDA6000-B12	IC	128pin	
IC7502	S-80828CNNB-W	IC		
IC7503	K4S641632H-TC75	IC(DIGITAL)		
IC7504	MR27T1602F1KDTN	P2ROM		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	AT24C32-Z42DV4	IC	(SERVICE)	
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		

△Ref No.	Part No.	Part Name	Description	Local
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	MA111-X	SI DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0519	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C1511	NRS A63J-105X	MG RESISTOR	1MΩ 1/16W J	C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C6505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	C6507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7510	NEH71CM-106X	E CAPACITOR	10uF 16V M	R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7521	NEH71CM-106X	E CAPACITOR	10uF 16V M	R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C7522	NEH71CM-106X	E CAPACITOR	10uF 16V M	R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7523	NEH71CM-476X	E CAPACITOR	47uF 16V M	R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C7524	NEH71CM-476X	E CAPACITOR	47uF 16V M	R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7531	NEH71CM-476X	E CAPACITOR	47uF 16V M	R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C7542	NEH70GM-227X	E CAPACITOR	220uF 4V M	R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
C7544	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7548	NEH70GM-227X	E CAPACITOR	220uF 4V M	R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
				R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3131	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R2010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	R6053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6506	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6523	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6525	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	R6526	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	L6506	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	L6507	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7501	NQL092K-4R7X	P COIL	4.7uH K
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7502	NQL092K-4R7X	P COIL	4.7uH K
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7503	NQL092K-4R7X	P COIL	4.7uH K
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7504	NQL092K-4R7X	P COIL	4.7uH K
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7505	NQL092K-4R7X	P COIL	4.7uH K
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7506	NQL914M-4R7X	COIL	4.7uH M
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7507	NQL092K-4R7X	P COIL	4.7uH K
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7509	NQL092K-4R7X	P COIL	4.7uH K
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7510	NQL092K-4R7X	P COIL	4.7uH K
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7511	NQL092K-4R7X	P COIL	4.7uH K
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7512	NQL914M-4R7X	COIL	4.7uH M
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L7513	NQL914M-4R7X	COIL	4.7uH M
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L7514	NQL092K-4R7X	P COIL	4.7uH K
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L9001	NQL71EM-150X	COIL	15uH M
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	L9101	NQL71EM-150X	COIL	15uH M
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	L9201	NQL71EM-150X	COIL	15uH M
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	J7001	QNS0001-001	3.5 JACK	AV COMPULINK
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	K1001	NQR0489-002X	FERRITE BEADS	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	K1002	NQR0489-002X	FERRITE BEADS	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	K1003	NQR0489-002X	FERRITE BEADS	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	K1004	NQR0489-002X	FERRITE BEADS	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6511	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6512	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB2001	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB2002	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	K6011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RB2003	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	K6012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0101	NQL092K-2R2X	P COIL	2.2uH K	K6013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0201	NQL092K-2R2X	P COIL	2.2uH K	K6015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0301	NQL092K-2R2X	P COIL	2.2uH K	K6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0304	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K6021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L1003	NQL092K-1R5X	P COIL	1.5uH K	K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	K7503	NQR0389-003X	FERRITE BEADS	
L1008	NQL79GM-220X	COIL	22uH M	LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	LC0519	NQR0416-001X	EMI FILTER	240pF 16V M
L1011	NQL79GM-470X	COIL	47uH M	LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M
L1101	NQL092K-6R8X	P COIL	6.8uH K	LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z
L1102	NQR0489-002X	FERRITE BEADS		SL7001	NAX0613-001X	C RESONATOR	
L1103	NQL092K-1R0X	P COIL	1uH K	X1001	NAX0642-001X	CRYSTAL	
L1201	NQL092K-6R8X	P COIL	6.8uH K	X3001	NAX0635-001X	CXO	
L1203	NQL092K-1R0X	P COIL	1uH K	X3002	NAX0667-001X	CXO	
L1301	NQL092K-6R8X	P COIL	6.8uH K	X4001	NAX0669-001X	C RESONATOR	
L1303	NQL092K-1R0X	P COIL	1uH K	X7501	NAX0618-001X	CRYSTAL	
L1401	NQL092K-6R8X	P COIL	6.8uH K		PU59915-105	SPACER	
L1403	NQL092K-1R0X	P COIL	1uH K				
L1501	NQL092K-4R7X	P COIL	4.7uH K				
L3001	NQR0489-002X	FERRITE BEADS					
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L4001	NQR0413-003X	FERRITE BEADS					
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L6501	NQR0351-001X	FERRITE BEADS					
L6503	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J				
L6504	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J				
L6505	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J				

INTERFACE P.W. BOARD ASS'Y (LCA10424-10B) (SFP-7305A)

△Ref No.	Part No.	Part Name	Description Local
IC103	BA05FP-X	IC	
IC801	BA033FP-X	IC	
IC802	BA033FP-X	IC	
IC805	AT24C16-Z35DV4	IC	(SERVICE)
IC807	HD6433685A30H	IC(MCU)	or HD64F3687A30H
IC809	S-80840CLNB-W	IC	

△Ref No.	Part No.	Part Name	Description Local
Q101	2SC3928A/QR/-X	TRANSISTOR	
Q803	2SA1530A/QR/-X	TRANSISTOR	
Q805	2SK2090-X	MOS FET	
Q806	2SK2090-X	MOS FET	
Q807	2SA1530A/QR/-X	TRANSISTOR	
Q811	2SK2090-X	MOS FET	
Q813	2SK2090-X	MOS FET	
Q814	2SK2090-X	MOS FET	
Q815	2SC3928A/QR/-X	TRANSISTOR	
D803	MA111-X	SI DIODE	
D804	MA8056/M/-X	Z DIODE	
D903	MA111-X	SI DIODE	
C114	NEH71AM-107X	E CAPACITOR	100uF 10V M
C117	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C810	NEH70JM-107X	E CAPACITOR	100uF 6.3V M
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C821	NEH71CM-106X	E CAPACITOR	10uF 16V M
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
R104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R402	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R812	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R813	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R876	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R892	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R903	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R913	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R926	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R930	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R939	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R940	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R948	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R949	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R952	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R962	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R963	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R968	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R970	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R971	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R972	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R974	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R975	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R976	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R978	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R979	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R980	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R981	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
L801	NQR0351-001X	FERRITE BEADS	
L802	NQR0351-001X	FERRITE BEADS	
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
X802	NAX0613-001X	C RESONATOR	

AUDIO P.W. BOARD ASS'Y (LCA10420-07C) (SFP-6007A)

REFER TO PARTS LIST IN PAGE 3-52 FOR THIS P.W. BOARD.

FRONT CONTROL P.W. BOARD ASS'Y (LCA10446-01D) (SFP-8201A)

REFER TO PARTS LIST IN PAGE 3-23 FOR THIS P.W. BOARD.

**FRONT LED P.W. BOARD ASS'Y
(LCA10446-01D) (SFP-8201A)**

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

**TEMP. SENSOR P.W. BOARD ASS'Y
(LCA10446-01D) (SFP-8201A)**

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

**REGULATOR P.W. BOARD ASS'Y
(LCA10426-01B) (SFP-9203A)**

REFER TO PARTS LIST IN PAGE 3-24 FOR THIS P.W. BOARD.

**LINE FILTER P.W. BOARD ASS'Y
(LCA10427-06A) (SFP-9303A)**

REFER TO PARTS LIST IN PAGE 3-54 FOR THIS P.W. BOARD.

**SUB POWER P.W. BOARD ASS'Y
(LCA10422-02C) (SFP-9104A)**

REFER TO PARTS LIST IN PAGE 3-27 FOR THIS P.W. BOARD.

PANEL POWER P.W. BOARD ASS'Y (NE-9S899437)

REFER TO PARTS LIST IN PAGE 3-54 FOR THIS P.W. BOARD.

SCANNING DRIVE P.W. BOARD ASS'Y (NE-9S899376)

REFER TO PARTS LIST IN PAGE 3-54 FOR THIS P.W. BOARD.

BRIDGE P.W. BOARD ASS'Y (NE-9S899594)

REFER TO PARTS LIST IN PAGE 3-63 FOR THIS P.W. BOARD.

COMMON DRIVE P.W. BOARD ASS'Y (NE-9S899382)

REFER TO PARTS LIST IN PAGE 3-63 FOR THIS P.W. BOARD.

SIGNAL DRIVE-L P.W. BOARD ASS'Y (NE-9S899510)

REFER TO PARTS LIST IN PAGE 3-63 FOR THIS P.W. BOARD.

SIGNAL DRIVE-R P.W. BOARD ASS'Y (NE-9S899492)

REFER TO PARTS LIST IN PAGE 3-63 FOR THIS P.W. BOARD.

LOGIC CONTROL P.W. BOARD ASS'Y (NE-9S899635)

REFER TO PARTS LIST IN PAGE 3-63 FOR THIS P.W. BOARD.

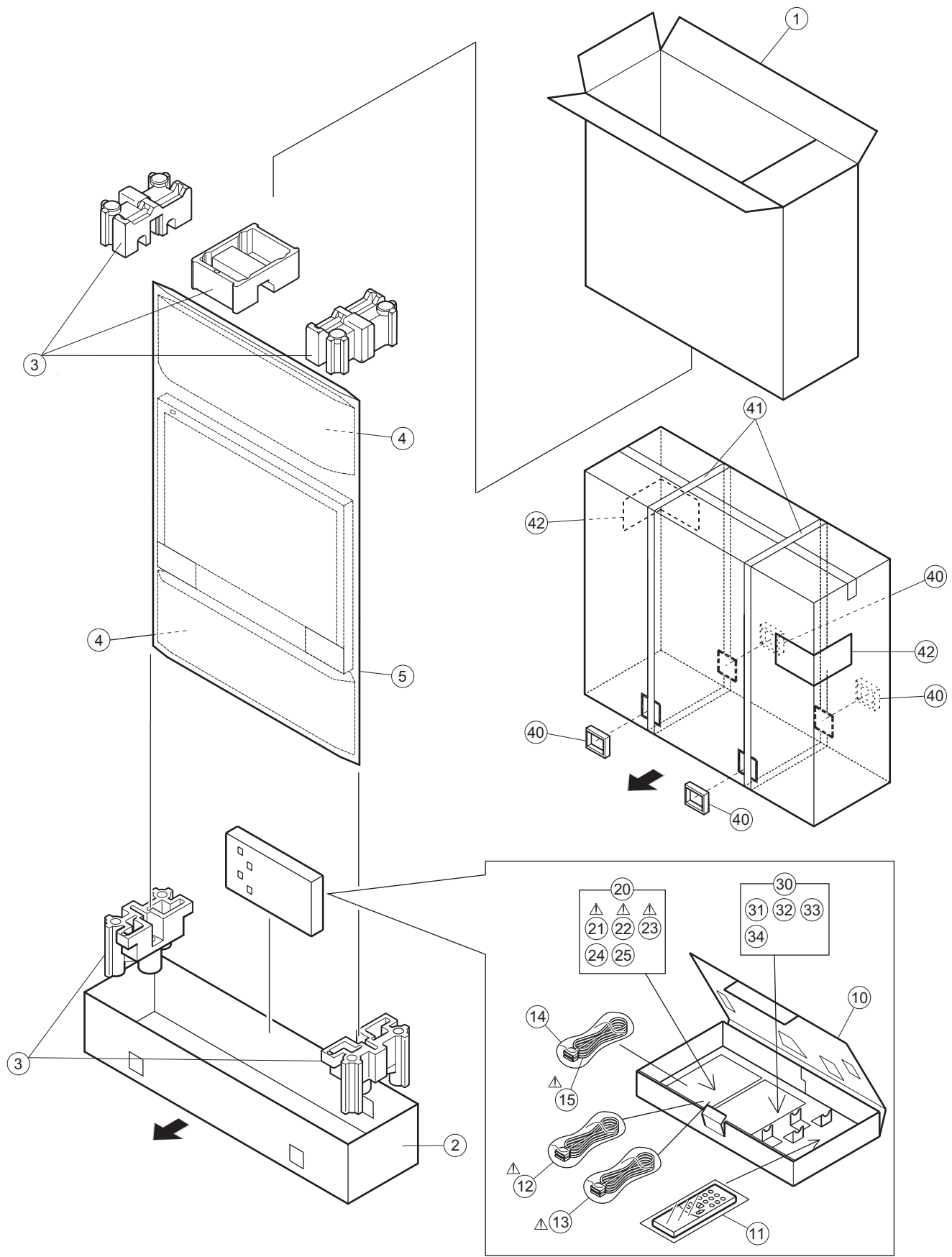
REMOTE CONTROL UNIT PARTS LIST (RM-C1830-1C)

△	Ref No.	Part No.	Part Name	Description	Local
		2AA070311	BATTERY COVER		

PACKING PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
	1	LC21561-002B	PACKING CASE	TOP	
	2	LC21560-001B	PACKING CASE	BOTTOM	
	3	LC11910-001A	CUSHION ASS'Y	5pcs in 1set	
	4	LC41035-001A	POLY BAG	(x2)	
	5	CP30974-005	POLY BAG		
	10	LC21264-001A	PACKING CASE	ACCESSORY	
	11	RM-C1830-1C	REMOCON UNIT		
△	12	QMPB320-180-R	POWER CORD(JP)	1.8m BLACK	
△	13	QMPP170-200-JC	POWER CORD(EK)	2m BLACK	
	14	QPA01203005	POLY BAG	12cm x 30cm	
△	15	QMPL050-250-K	POWER CORD(EU)	2.5m BLACK	PD-Z35DV4
	20	QPA02503505P	POLY BAG	25cm x 35cm	
△	21	LCT1667-001A	CAUTION BOOK		
△	22	LCT1665-001A	INST BOOK	English	
△	23	LCT1666-001A	INST BOOK	Russian/Frech/Chinese/Arabic/Persian	
	24	LCT1716-001A	INST SHEET		PD-Z35DV4
	24	LCT1715-001A	INST SHEET		PD-Z35DV4/S
	30	QPA01203005	POLY BAG	12cm x 30cm	
	31	-----	BATTERY	AA/R6 (x2)	
	32	QYSPSPD5016MA	SCREW	For MOUNTING HOOK(x2)	
	33	LC41320-001A	NYRON CLUMP	HOOK(x2)	
	34	QQR1454-001	CORE FILTER	For POWER CORD(x2)	PD-Z35DV4
	34	QQR0491-001	CORE FILTER	For POWER CORD	PD-Z35DV4/S
	40	CP30903-001	JOINT	(x4)	
	41	CP30371-00D	BAND	(x2)	
	42	LC20989-001A-H	CORNER LABEL	(x3)	

PACKING





SERVICE MANUAL

PDP COLOUR TELEVISION

PD-Z42DV4, PD-Z42DV4/S

BASIC CHASSIS

FP2

Supplementary

Please be informed that the service manual of this model contains some mistakes.

For details other than those described in this manual, please refer to the PD-Z42DV4 and PD-Z42DV4/S service manual (No.YA101 2004/7).

CORRECTION ITEM

USING P.W. BOARD (Page 3-4)

P.W.B ASS'Y numbers were incorrect. Correct P.W.B ASS'Y numbers are as shown below.

P.W.B ASS'Y name	P.W.B ASS'Y No.	
	PD-Z42DV4	
	INCORRECT	CORRECT
RECEIVER P.W.B	SFP-0F301A (LCA10476-01C)	LCA10476-01C (SFP-0F301A)
ANALOG SIGNAL P.W.B	SFP-0A301A (LCA10423-06B)	LCA10423-06B (SFP-0A301A)
AV JACK P.W.B	SFP-0J301A (LCA10445-02B)	LCA10445-02B (SFP-0J301A)
DIGITAL SIGNAL P.W.B	SFP-0D301A (LCA10428-08F)	LCA10428-08F (SFP-0D301A)
INTERFACE P.W.B	SFP-7301A (LCA10424-06B)	LCA10424-06B (SFP-7301A)
AUDIO P.W.B	SFP-6003A (LCA10420-03C)	LCA10420-03C (SFP-6003A)
FRONT CONTROL P.W.B	SFP-8201A (LCA10446-01D)	LCA10446-01D (SFP-8201A)
FRONT LED P.W.B	SFP-8201A (LCA10446-01D)	LCA10446-01D (SFP-8201A)
TEMP. SENSOR P.W.B	SFP-8201A (LCA10446-01D)	LCA10446-01D (SFP-8201A)
REGULATOR P.W.B	SFP-9203A (LCA10426-01B)	LCA10426-01B (SFP-9203A)
LINE FILTER P.W.B	SFP-9303A (LCA10427-06A)	LCA10427-06A (SFP-9303A)
MAIN POWER P.W.B	SFP-9301A (LCA10453-05B)	LCA10453-05B (SFP-9301A)
SUB POWER P.W.B	SFP-9104A (LCA10422-02C)	LCA10422-02C (SFP-9104A)

P.W.B ASS'Y name	P.W.B ASS'Y No.	
	PD-Z42DV4/S	
	INCORRECT	CORRECT
RECEIVER P.W.B	SFP-0F301A (LCA10476-01C)	LCA10476-01C(SFP-0F301A)
ANALOG SIGNAL P.W.B	SFP-0A301A (LCA10423-06B)	LCA10423-06B (SFP-0A301A)
AV JACK P.W.B	SFP-0J301A (LCA10445-02B)	LCA10445-02B (SFP-0J301A)
DIGITAL SIGNAL P.W.B	SFP-0D302A (LCA10428-09F)	LCA10428-09F (SFP-0D302A)
INTERFACE P.W.B	SFP-7302A (LCA10424-07B)	LCA10424-07B (SFP-7302A)
AUDIO P.W.B	SFP-6003A (LCA10420-03C)	LCA10420-03C (SFP-6003A)
FRONT CONTROL P.W.B	SFP-8201A (LCA10446-01D)	LCA10446-01D (SFP-8201A)
FRONT LED P.W.B	SFP-8201A (LCA10446-01D)	LCA10446-01D (SFP-8201A)
TEMP. SENSOR P.W.B	SFP-8201A (LCA10446-01D)	LCA10446-01D (SFP-8201A)
REGULATOR P.W.B	SFP-9203A (LCA10426-01B)	LCA10426-01B (SFP-9203A)
LINE FILTER P.W.B	SFP-9303A (LCA10427-06A)	LCA10427-06A (SFP-9303A)
MAIN POWER P.W.B	SFP-9301A (LCA10453-05B)	LCA10453-05B (SFP-9301A)
SUB POWER P.W.B	SFP-9104A (LCA10422-02C)	LCA10422-02C (SFP-9104A)

EXPLODED VIEW PARTS LIST -2 (Page 3-6)

⚠	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4 PD-Z42DV4/S			
		INCORRECT	CORRECT		
⚠	40	SFP-6003A	LCA10420-03C	AUDIO PWB	
⚠	41	SFP-0J301A	LCA10445-02B	AV JACK PWB	
⚠	42	SFP-7301A	LCA10424-06B	INTERFACE PWB	PD-Z42DV4
⚠	42	SFP-7302A	LCA10424-07B	INTERFACE PWB	PD-Z42DV4/S
⚠	43	SFP-9203A	LCA10426-01B	REGULATOR PWB	
⚠	44	SFP-9303A	LCA10427-06A	LINE FILTER PWB	
⚠	45	SFP-0F301A	LCA10476-01C	RECEIVER PWB	
⚠	46	SFP-0A301A	LCA10423-06B	ANALOG SIGNAL PWB	
⚠	47	SFP-0D301A	LCA10428-08F	DIGITAL SIGNAL PWB	PD-Z42DV4
⚠	47	SFP-0D302A	LCA10428-09F	DIGITAL SIGNAL PWB	PD-Z42DV4/S

EXPLODED VIEW PARTS LIST -3 (Page 3-8)

⚠	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4 PD-Z42DV4/S			
		INCORRECT	CORRECT		
⚠	60	SFP-8201A	LCA10446-01D	FRONT CONTROL PWB	Inc. TEMP. SENSOR PWB, FRONT LED PWB
⚠	61	SFP-9301A	LCA10453-05B	MAIN POWER PWB	
⚠	62	SFP-9104A	LCA10422-02C	SUB POWER PWB	

SECTION 1 PRECAUTION

Please refer to "PD-Z42DV4 and PD-Z42DV4/S (No.YA101)" about this section.

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

Please refer to "PD-Z42DV4 and PD-Z42DV4/S (No.YA101)" about this section.

SECTION 3 DISASSEMBLY

Please refer to "PD-Z42DV4 and PD-Z42DV4/S (No.YA101)" about this section.

SECTION 4 ADJUSTMENT

Please refer to "PD-Z42DV4 and PD-Z42DV4/S (No.YA101)" about this section.

SECTION 5 TROUBLESHOOTING

Please refer to "PD-Z42DV4 and PD-Z42DV4/S (No.YA101)" about this section.



Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

(No.YA101B)



Printed in Japan
VPT



SERVICE MANUAL

PDP COLOUR TELEVISION

PD-Z42DV4/C

BASIC CHASSIS

FP2

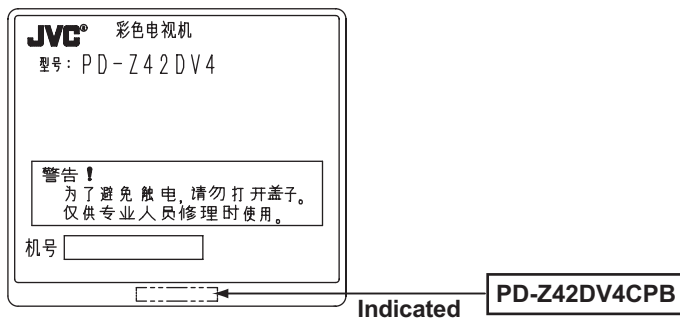
The following items for the PD-Z42DV4/C was changed partly from PD-Z42DV4.
Therefore, this service manual describes only the items which differ from those of the PD-Z42DV4 service manual.
For details other than those described in this manual, please refer to the PD-Z42DV4 service manual (No.YA101, 2004/7).

OUTLINE

Since the production place was changed, we have issued the SERVICE MANUAL for PD-Z42DV4/C.

HOW TO IDENTIFY MODELS

"PD-Z42DV4CPB" are added at the bottom of the Rating label.



DIFFERENCE LIST

USING P.W. BOARD (Page 3-4)

P.W.B ASS'Y Name	PD-Z42DV4	PD-Z42DV4/C	DESCRIPTION
RECEIVER P.W.B	LCA10476-01E (SFP-0F301A)	LCA10476-02E (SFP-0F302A)	
DIGITAL SIGNAL P.W.B	LCA10428-08H (SFP-0D301A)	LCA10428-10H (SFP-0D303A)	
INTERFACE P.W.B	LCA10424-06B (SFP-7301A)	LCA10424-08C (SFP-7303A)	
REGULATOR P.W.B	LCA10426-01C (SFP-9203A)	LCA10426-05C (FP-9305A)	

EXPLODED VIEW PARTS LIST -1 (Page 3-4)

△	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4	PD-Z42DV4/C		
△	14	LC21716-001B-0L	LC21618-001B-0L	RATING LABEL	
△	15	LC32822-003A	LC32822-004A	TERMINAL LABEL	

EXPLODED VIEW PARTS LIST -4 (Page 3-10)

△	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4	PD-Z42DV4/C		
△	80	LC32758-001A-0K	LC32364-001A-0K	FRONT FILTER	

PRINTED WIRING BOARD PARTS LIST

RECEIVER P.W. BOARD ASS'Y (Page 3-12)

△	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4	PD-Z42DV4/C		
		LCA10476-01E (SFP-0F301A)	LCA10476-02E (SFP-0F302A)		
	TU3001	QAU0366-001	QAU0366-002	TUNER	

DIGITAL SIGNAL P.W. BOARD ASS'Y (Page 3-15)

△	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4	PD-Z42DV4/C		
		LCA10428-08H (SFP-0D301A)	LCA10428-10H (SFP-0D303A)		
	IC7001	MN102H60KKB	MN102H60KKF	IC(MCU)	

INTERFACE P.W. BOARD ASS'Y (Page 3-21)

△	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4	PD-Z42DV4/C		
		LCA10424-06B (SFP-7301A)	LCA10424-08C (SFP-7303A)		
	IC801	BA033FP-X	BA33BC0FP-X	IC	
	IC802	BA033FP-X	BA33BC0FP-X	IC	

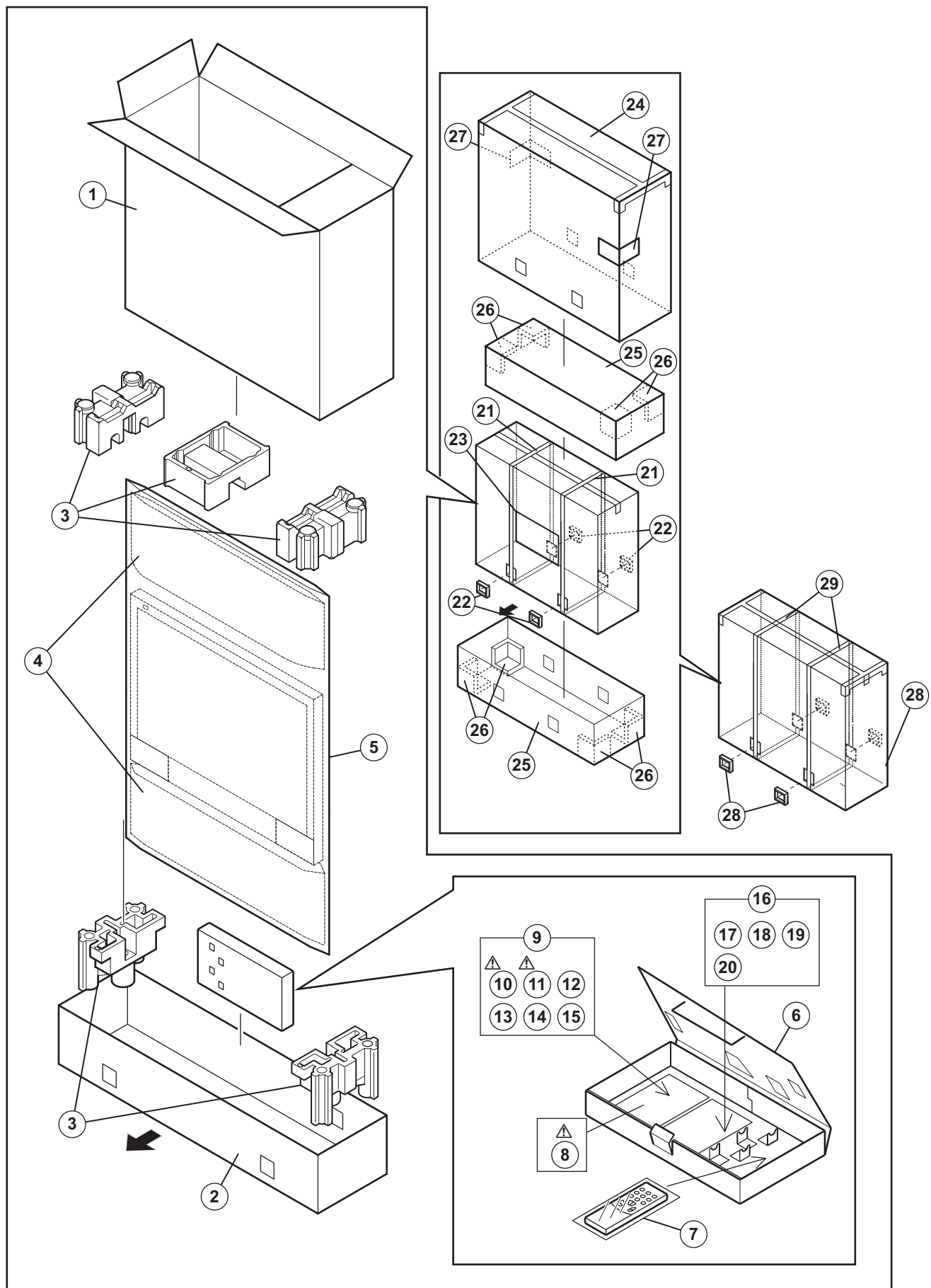
REGULATOR P.W. BOARD ASS'Y (Page 3-24)

△	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4	PD-Z42DV4/C		
		LCA10426-01C (SFP-9203A)	LCA10426-05C (SFP-9305A)		
	C9802	NDC21HJ-121X	NDC31HJ-121X	C CAPACITOR	120pF 50V J
	C9803	NDC21HJ-121X	NDC31HJ-121X	C CAPACITOR	120pF 50V J

PACKING PARTS LIST (Page 3-36)

NOTE: As packing method has been changed, all the parts are listed in the PACKING PARTS LIST.

△	Ref. No.	Part No.	PART NAME	DESCRIPTION
	1	LC21557-008B	PACKING CASE	TOP
	2	LC21556-001B	PACKING CASE	BOTTOM
	3	LC11909-001C	CUSHION ASSY	5pcs in 1set
	4	LC41035-001A	POLY BAG	(x2)
	5	LC30236-007A	POLY BAG	
	6	LC21264-001A	PACKING CASE	
	7	RM-C1830-1C	REMOCON UNIT	
△	8	QMPS210-200-JC	POWER CORD	
	9	QPA02503505P	POLY BAG	
△	10	LCT1669-001A-C	CAUTION BOOK	
△	11	LCT1668-001A-C	INST BOOK	
	12	BT-59025-1C	WARRANTY CARD	
	13	LCT1726-001A-C	INST SHEET	
	14	BT-59020-1	SEAL	
	15	BT-59021-3	SVC CENTER LIST	
	16	QPA01203005	POLY BAG	
	17	-----	BATTERY	R6P/AA(x2)
	18	QYSPSPD5016MA	SCREW	For MOUNTING HOOK(x2)
	19	LC41320-001A	NYRON CLUMP	HOOK(x2)
	20	QQR0491-001	FERRITE CORE	
	21	CP30371-00D	BAND	(x2)
	22	CP30903-001	JOINT	(x4)
	23	LC33000-001A	UNPACKING LABEL	
	24	LC21746-001A	PACKING CASE	TOP
	25	LC21745-001A	PACKING CASE	BOTTOM(x2)
	26	LC32505-001A	CORNER CUSHION	(x8)
	27	LC20989-001A-H	CORNER LABEL	(x2)
	28	CP30903-001	JOINT	(x4)
	29	CP30371-00D	BAND	(x2)



SECTION 1 PRECAUTION

Please refer to "PD-Z42DV4 (No.YA101)" about this section.

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

Please refer to "PD-Z42DV4 (No.YA101)" about this section.

SECTION 3 DISASSEMBLY

Please refer to "PD-Z42DV4 (No.YA101)" about this section.

SECTION 4 ADJUSTMENT

Please refer to "PD-Z42DV4 (No.YA101)" about this section.

SECTION 5 TROUBLESHOOTING

Please refer to "PD-Z42DV4 (No.YA101)" about this section.



Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

(No.YA101C)



Printed in Japan
VPT



SERVICE MANUAL

PDP COLOUR TELEVISION

**PD-Z42DV4,
PD-Z42DV4/S,
PD-Z42DV4/C,
PD-Z42DV80/H**

BASIC CHASSIS

FP2

Supplementary

Please be informed that the related contents are added due to the change of the PWB in the PDP Unit. Therefore, this service manual describes only the items which differ from those of the PD-Z42DV4, PD-Z42DV4/S, PD-Z42DV4/C and PD-Z42DV80/H service manual. For details other than those described in this manual, please refer to the PD-Z42DV4 and PD-Z42DV4/S service manual (No.YA101, 2004/7)(No.YA101B, 2004/12) PD-Z42DV4/C service manual (No.YA101C, 2004/12) PD-Z42DV80/H service manual (No.YA101D, 2005/1).

DIFFERENCE LIST

USING P.W. BOARD (Page 3-3)

P.W.B ASS'Y Name	P.W.B ASS'Y No.		DESCRIPTION
	Before	After	
X-MAIN P.W.B	LJ92-00943A	LJ92-01057B	
Y-MAIN P.W.B	LJ92-00944B	LJ92-01058B	

PRINTED WIRING BOARD PARTS LIST

X-MAIN P.W. BOARD ASS'Y (Page 3-27)

⚠	Ref. No.	Part No.		PART NAME	DESCRIPTION
		Before	After		
⚠		LJ92-00943A	LJ92-01057B	X-MAIN PWB	

Y-MAIN P.W. BOARD ASS'Y (Page 3-27)

⚠	Ref. No.	Part No.		PART NAME	DESCRIPTION
		Before	After		
⚠		LJ92-00944B	LJ92-01058B	Y-MAIN PWB	

SECTION 1 PRECAUTION

Please refer to "PD-Z42DV4 and PD-Z42DV4/S (No.YA101)" about this section.

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

Please refer to "PD-Z42DV4 and PD-Z42DV4/S (No.YA101)" about this section.

SECTION 3 DISASSEMBLY

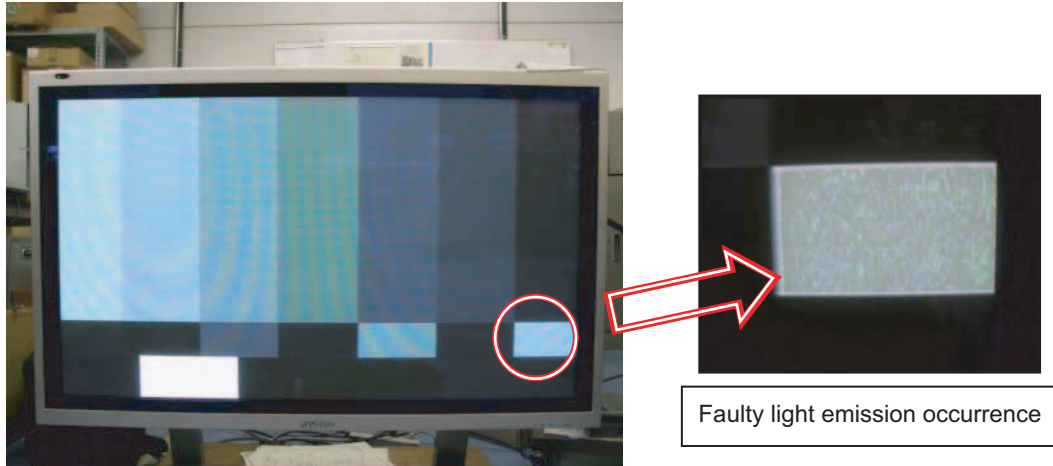
Please refer to "PD-Z42DV4 and PD-Z42DV4/S (No.YA101)" about this section.

SECTION 4 ADJUSTMENT

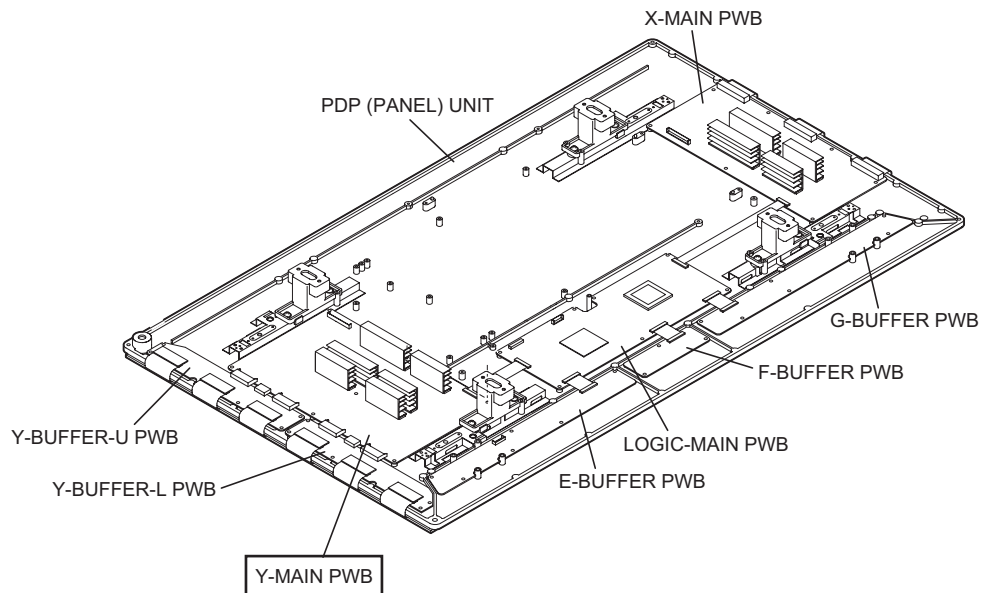
4.1 ADJUSTMENT AFTER THE Y-MAIN PWB REPLACEMENT

When the Y-MAIN PWB is replaced, adjustments are required. If it is misadjusted, phenomena such as faulty light emission of the PANEL will occur. The adjustment parts and the test points vary according to the Y-MAIN PWB, and the adjustment values vary according to the PANEL types. Before starting the adjustment procedure, check the Y-MAIN PWB and the PANEL type first.

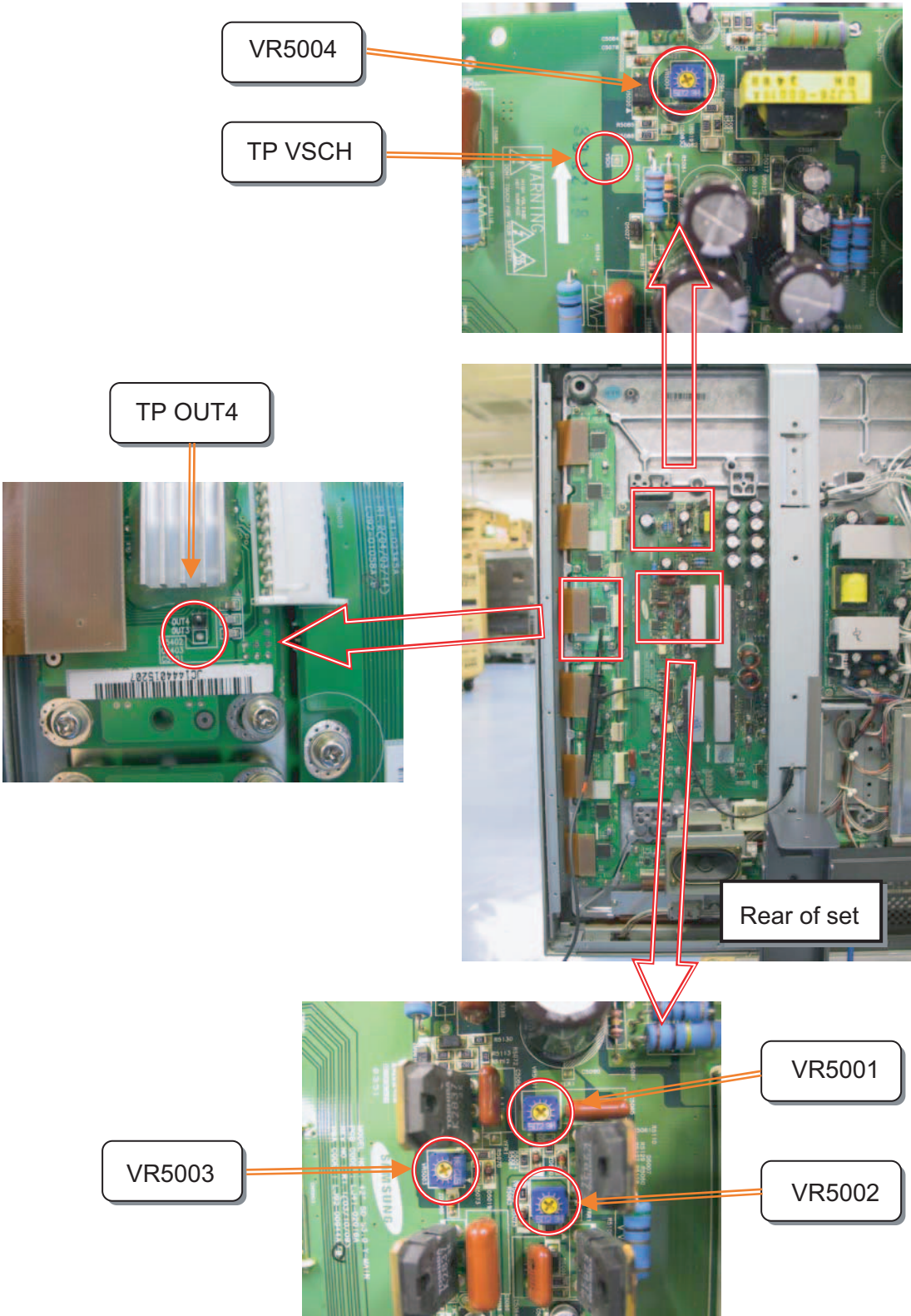
< An example of misadjustment of the Y-MAIN PWB >



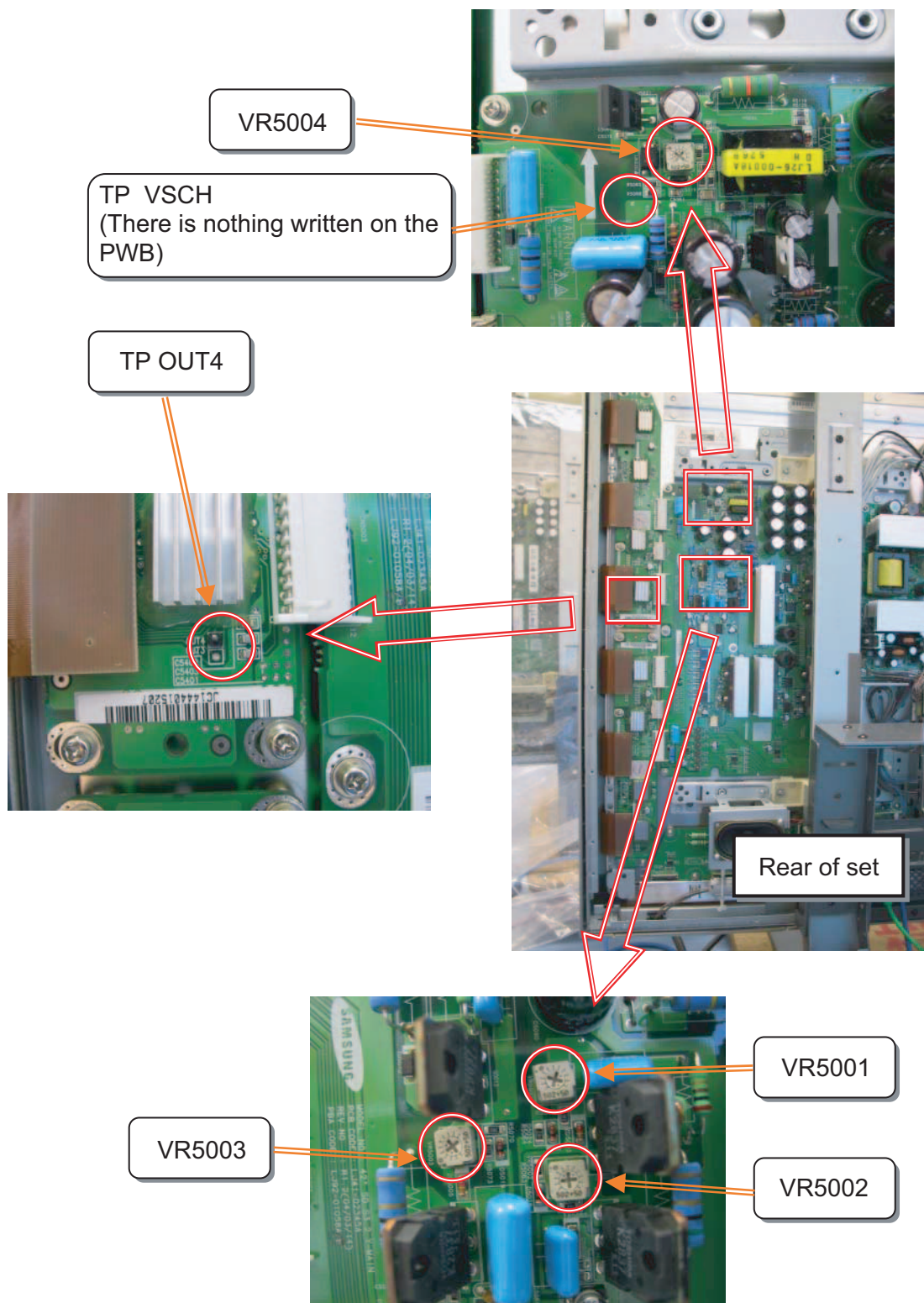
4.1.1 THE LOCATION OF THE PWB IN THE PDP UNIT



4.1.2 ADJUSTMENT ITEMS AND TESTING POINTS ON THE Y-MAIN PWB [LJ92-00944B]



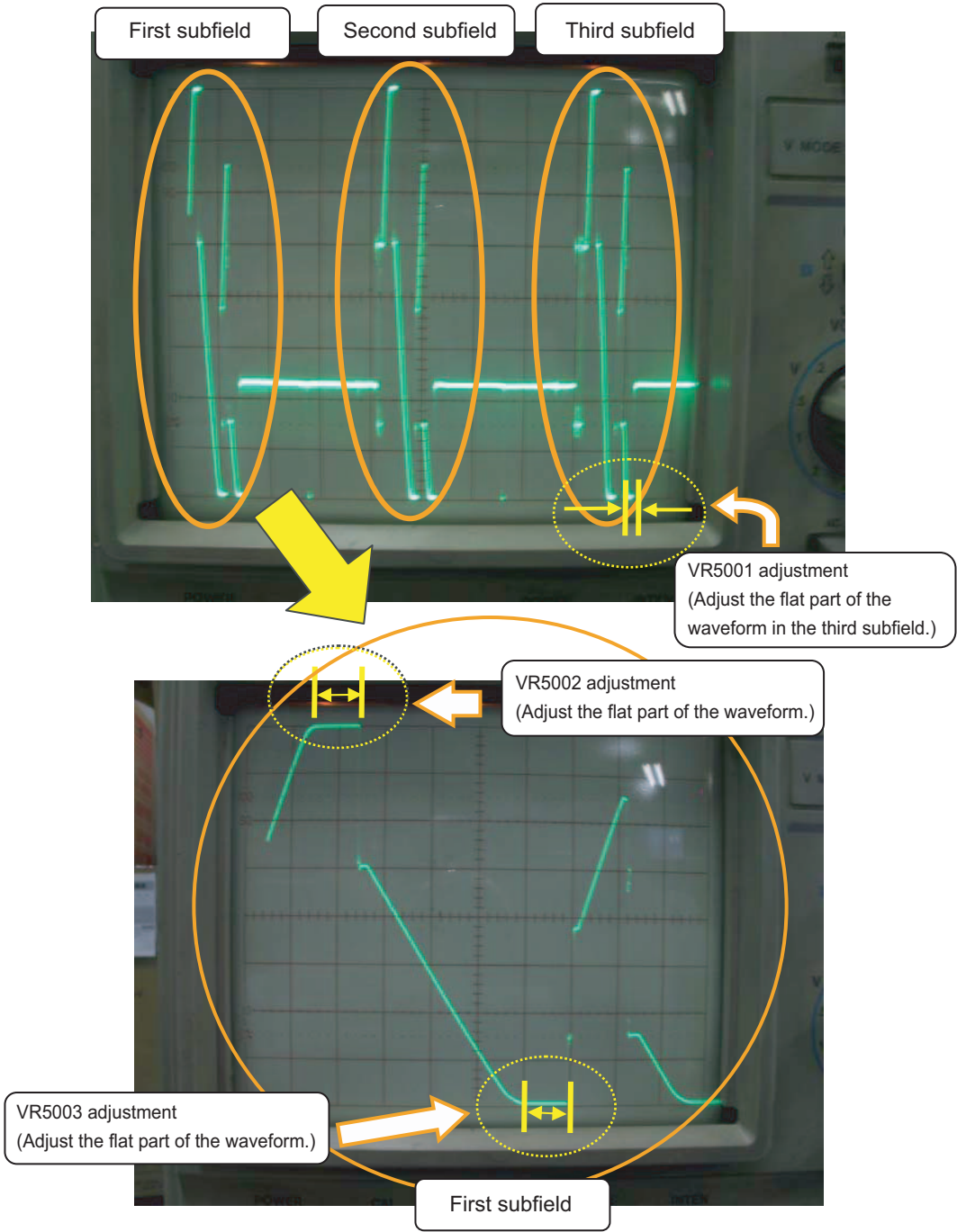
4.1.3 ADJUSTMENT ITEMS AND TESTING POINTS ON THE Y-MAIN PWB [LJ92-01058B]



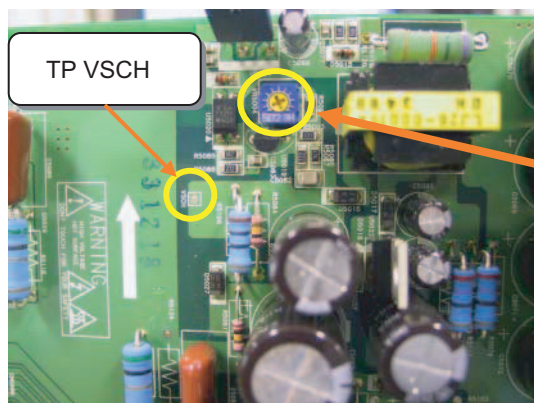
4.1.4 ADJUSTMENT PROCEDURE

There are **2 types** of PDP used with this model. Be careful as the adjustment values are different according to the types of the panel. The types of the PDP are as shown in the table below.

Types of the PDP	How to identify types of the PDP
ALIMINUM PRESS PLATE-A TYPE	PANEL SERIAL 1213 xxxx xxxx
ALIMINUM PRESS PLATE-B TYPE	PANEL SERIAL 1223 xxxx xxxx



4.1.5 ADJUSTMENT FOR THE ALUMINUM PRESS PLATE-A TYPE [PANEL SERIAL 1213 xxxx xxxx]



Step1. VR5004 adjustment
TEST POINT TP Vsch
DC voltmeter **40 V**



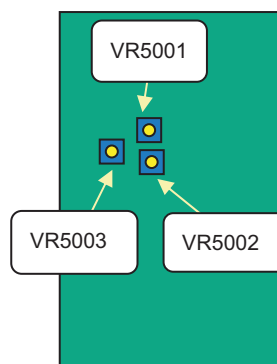
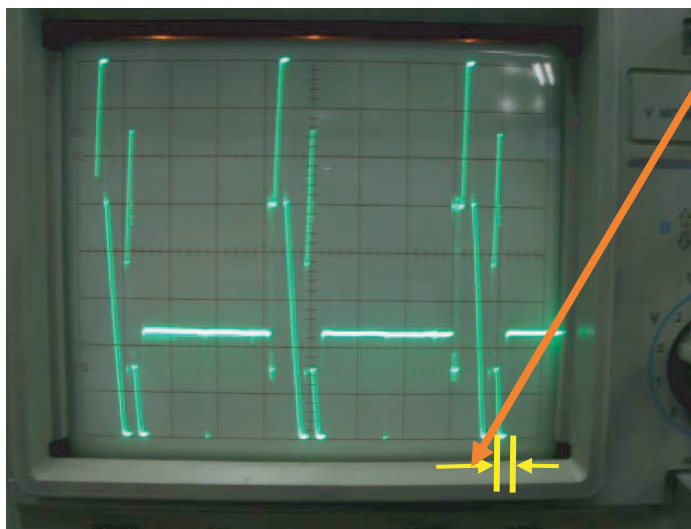
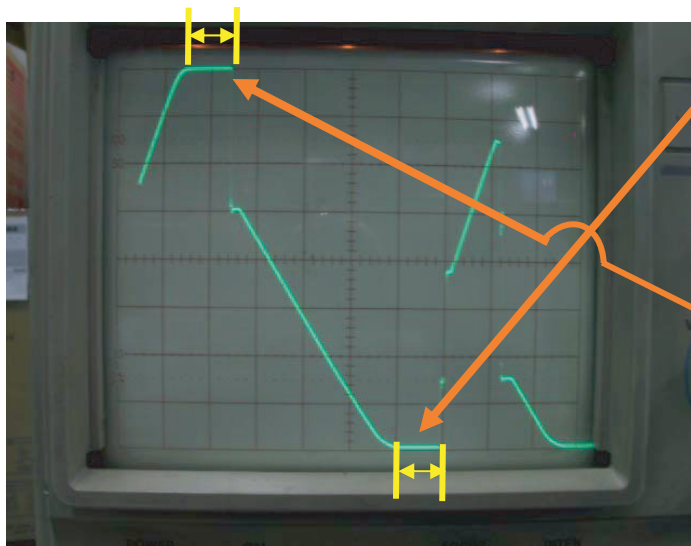
Step2. VR5003 adjustment
TEST POINT TP OUT4
Oscilloscope **10 us**



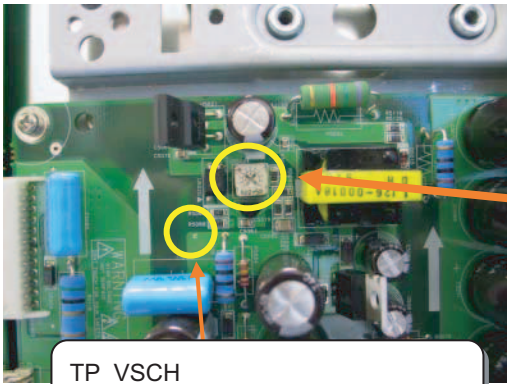
Step3. VR5002 adjustment
TEST POINT TP OUT4
Oscilloscope **10 us**



Step4. VR5001 adjustment
TEST POINT TP OUT4
Oscilloscope **15 us**



4.1.6 ADJUSTMENT FOR THE ALUMINUM PRESS PLATE-B TYPE [PANEL SERIAL 1223 xxxx xxxx]



TP VSCH
(There is nothing written on the PWB)

Step1. VR5004 adjustment
TEST POINT TP Vsch
DC voltmeter 40 V



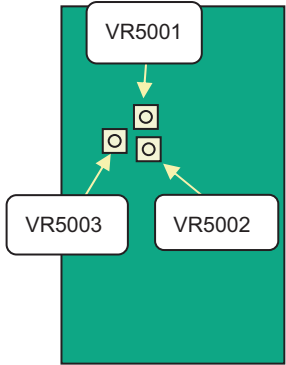
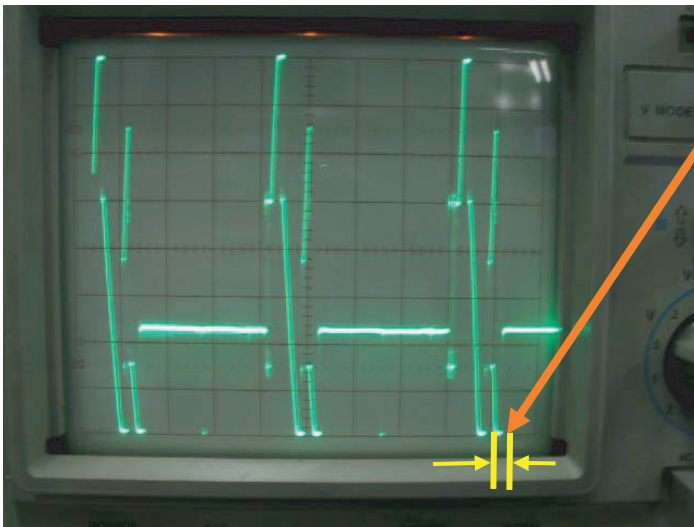
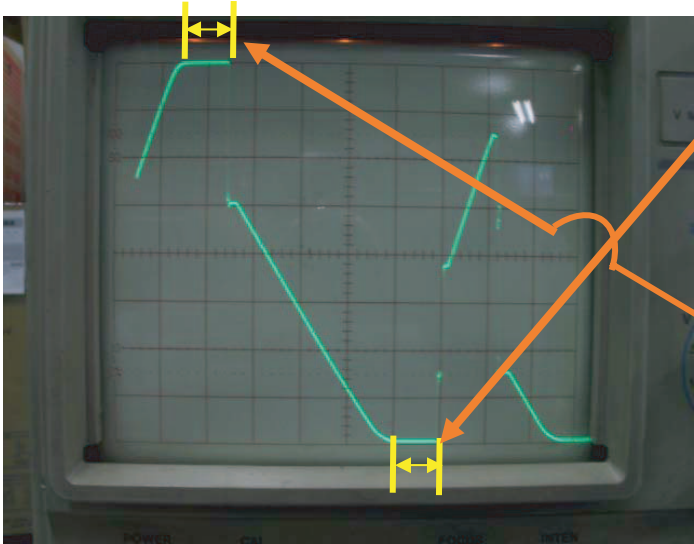
Step2. VR5003 adjustment
TEST POINT TP OUT4
Oscilloscope 10 us



Step3. VR5002 adjustment
TEST POINT TP OUT4
Oscilloscope 10 us



Step4. VR5001 adjustment
TEST POINT TP OUT4
Oscilloscope 15 us



SECTION 5

TROUBLESHOOTING

Please refer to "PD-Z42DV4 and PD-Z42DV4/S (No.YA101)" about this section.



Victor Company of Japan, Limited
Flat Panel Display Category 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA101E)



Printed in Japan
VPT



SERVICE MANUAL

PDP COLOUR TELEVISION

PD-Z42DV80/H

BASIC CHASSIS

FP2

Supplementary

The following items for the PD-Z42DV80/H was changed partly from PD-Z42DV4.

Therefore, this service manual describes only the items which differ from those of the PD-Z42DV4 service manual.

For details other than those described in this manual, please refer to the PD-Z42DV4 service manual (No.YA101, 2004/7).

DIFFERENCE LIST

EXPLODED VIEW PARTS LIST (Page 3-4)

△	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4	PD-Z42DV80/H		
△	14	LC21209-006A-0L	LC21782-003A-0L	RATING LABEL	

PACKING PARTS LIST (Page 3-33)

△	Ref. No.	Part No.		PART NAME	DESCRIPTION
		PD-Z42DV4	PD-Z42DV80/H		
△	12	QMPP170-200-JC	QMPP170-200-JC	POWER CORD	
△	13	QMPB560-180-JC	---	POWER CORD	(Delete)
△	15	QMPL050-250-K	---	POWER CORD	(Delete)
	24	LCT1716-001A	LCT1716-003A	INST SHEET	English/Chinese/Russian/Frech/Chinese/Arabic/Persian
	43	---	LCT1809-001A	INST SHEET	(Addition) English/Chinese

SECTION 1 PRECAUTION

Please refer to "PD-Z42DV4 (No.YA101)" about this section.

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

Please refer to "PD-Z42DV4 (No.YA101)" about this section.

SECTION 3 DISASSEMBLY

Please refer to "PD-Z42DV4 (No.YA101)" about this section.

SECTION 4 ADJUSTMENT

Please refer to "PD-Z42DV4 (No.YA101)" about this section.

SECTION 5 TROUBLESHOOTING

Please refer to "PD-Z42DV4 (No.YA101)" about this section.



Victor Company of Japan, Limited

AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

(No.YA101D)



Printed in Japan
VPT